

SPCC NUMBER* 11473

LOCATOR CODE* KODAK14650

LOCATOR ZIP* 14650

FACILITY NAME* KODAK PARK

FACILITY TYPE* NTR

OWNER-OPERATOR NAME* EASTMAN KODAK COMPANY

OWNER-OPERATOR TELEPHONE* 716-458-1000

REGION* 2

STATE* NY

START UP DATE* 01/10/1974

PREPARATION DEADLINE* 07/12/1974

IMPLEMENTATION DEADLINE* 01/10/1975

MAILING FACILITY* EASTMAN KODAK COMPANY

MAILING ADDRESS LINE ONE* 1669 LAKE AVE KODAK PARK B23

MAILING ADDRESS LINE TWO* ROCHESTER , NY 14650

DATE* 10/01/1974

NAME* LETTER

ORGANIZATION* US EPA EDISON

ENFORCEMENT COMMENTS* VIOLATION ASSESSED AS A RESULT OF A LATE REQUEST FOR AN

ENFORCEMENT COMMENTS* VIOLATION ASSESSED AS A RESULT OF A LATE REQUEST FOR AN

VIOLATION CODE* A

REFERRAL DATE* 03/12/1975

FINE PAID* 1005000

FINE PAID* 3000000

SPCC NUMBER*

336673





October 31, 1995

Ms. Jeanne M. Fox
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. William Miner
New York State Emergency Management Office
New York State Department of Environmental Conservation
Bureau of Spill Prevention and Response, Room 340
50 Wolf Road
Albany, N.Y. 12233-3510

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, N.Y. 14620

Dear Ms. Fox, Mr. Miner and Ms. Meisenzahl:

Subject: Release, Recycle Tank Wastewater, Building 218 (B-219), Kodak Park
October 18, 1995, National Response Center Report # 311170, New York
State Department of Environmental Conservation Report # 9508775

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on October 18, 1995. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health (MCHD).

If you have further questions regarding this occurrence, please contact Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
Environmental Services
Corporate Environment

JRO:MTN
951018(A)
Attachment(s)

cc: Mr. Richard Elliott, P.E., MCDH
Mr. Thomas Marriott, P.E., NYSDEC, Region 8

Facility File
Salkin
11/21
cc: Callahan
Simon

RECEIVED
95 NOV 14 AM 9:16 4 31 PM '95
DIRECTOR'S OFFICE U.S. E.A. EMERGENCY
PREPAREDNESS PROGRAMS

PP18
95 NOV 13 PM 3:40
US E2



Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14652

NRC#: 311170
NYSDEC#: 9508775
Date: 10/18/95
Time: Approx. 0155 Hours

Location of Incident: Building 218 (B-218), Kodak Park
Name of Release Contact: Mark T. Nicholson
Phone Number of Contact: (716) 722-4721

<u>CAS Number</u> N/A	<u>Material (s) Released</u> Recycle Tank Wastewater	<u>Quantity Released</u> Estimated To Be 5-Gallons
<u>Extremely Hazardous Substance:</u> NO		<u>Health Hazard:</u> NO
<u>Duration of Release</u> Days: Hours: Minutes: See Below	<u>Physical State Released</u> Solid Liquid X Gas:	<u>Source of Release</u> See Below

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 10/18/95 at Approx. 0250 Hours)
NYS Department of Environmental Conservation	Y (on 10/18/95 at Approx. 0300 Hours)
Monroe County Department of Health	Y (on 10/18/95 at Approx. 0305 Hours)
State Emergency Response Commission	Y (on 10/18/95 at Approx. 0300 Hours)
Local Emergency Planning Committee	Y (on 10/18/95 at Approx. 0310 Hours)

Factors Contributing to the Release. (Check Applicable Cause):

Equipment Failure	Training Deficiencies
X Operator Error	Unusual Weather Conditions
Faulty Process Design	Other (Identify)

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Water/Waterways	Sanitary Sewer
Atmosphere	X Other (Soil)

Corrective Action Taken. (Check Applicable Action):

Neutralization	Monitoring
Containment	System Shutdown/Repaired
X Immediate Excavation of Contaminated Media	Other (Identify)

Brief Description of Corrective Action Taken to Remediate Released Material:

On Wednesday, October 18, 1995, at approximately 0155 hours, an estimated 5-gallons of wastewater from the Recycled Water Tank of the B-218 Chemical Waste Incinerator (CWI) was released to the gravel and soil area on the west side of B-218. The recycle water tank is the particulate drop-out point in the recycled water system. This system supplies and recycles water from the quenching process within the system. Periodically, usually during regularly scheduled periods of maintenance activity, the particulate residue is removed from the tank and placed in a 20-cubic yard container and sent off-site for disposal.

The particulate residue that is removed usually has as much water as possible removed prior to the operation starting. The maintenance activity calls for the receiving container to be placed in an area that has uncompromised pavement or concrete and that it be sloped to allow de-watering/draining to the industrial sewer or that absorbent be placed in the bottom of the container to eliminate any free liquid. In this particular case, the receiving container was over an area of soil and/or gravel and no absorbent had been placed in its bottom. This resulted in an estimated 5-gallons of the wastewater flowing onto the stone and gravel in the area.

Upon discovery of this situation, the container was immediately moved to a location that would allow for the de-watering/draining to take place in the appropriate manner. The impacted soil and gravel were excavated and packaged with the ash for off-site disposal. In addition, CWI operations management have addressed appropriate siting and preparation of containers for future maintenance activities.

Based upon the quantity released and the remedial/corrective actions initiated, we are not aware nor would we expect any adverse environmental impact to have resulted from this event. Therefore we recommend that no further action be taken.



US EPA
95 APR 11 PM 3:48
PPIB

Facility File
Stallabas
cc: Simon

Dick Saithe
Bruce Sprague

April 3, 1995

Ms. Jeanne M. Fox
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. William Miner
New York State Emergency Management Office
New York State Department of Environmental Conservation
Bureau of Spill Prevention and Response, Room 340
50 Wolf Road
Albany, N.Y. 12233-3510

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, N.Y. 14620

95 APR 11 PM 5:40
DIRECTOR'S OFFICE
MONROE COUNTY DEPARTMENT OF HEALTH

Dear Ms. Fox, Mr. Miner and Ms. Meisenzahl:

Subject: Emergency Vent Damper Opening, Building 95 (B-95), Kodak Park
February 12, 1995, National Response Center Report # 279604, New York
State Department of Environmental Conservation Report # 9414878

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on February 12, 1995. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health (MCHD).

If you have further questions regarding this occurrence, please contact Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
James R. O'Connor
Environmental Services
Corporate Environment

JRO:MTN
950212-1
Attachment(s)

cc: Mr. Richard Elliott, P.E., MCDH
Mr. Thomas Marriott, P.E., NYSDEC, Region 8

INCIDENT REPORT

Location Of Incident:	Building 95 (B-95), Kodak Park
Date of Incident:	February 12, 1995
NRC Report Number:	279604
NYSDEC Report Number:	9414878

Description Of Event

On February 12, 1995, at approximately 5:17 p.m., the two emergency vent dampers on the Kings Landing Wastewater Purification Plant's (KLWPP) Multiple Hearth Incinerator (MHI) and associated Air Pollution Control Equipment (APCE) automatically opened when the APCE's Induced-Draft (ID) fan was shutdown. The decision to shutdown the ID fan was made to prevent severe damage to the APCE on the discharge side of the ID fan due to an abnormal and unexpected back and forth movement of the ductwork and exhaust stack. The movement of the ductwork was first noticed by operating department personnel at approximately 3:00 p.m.. In preparation for shutting down the MHI before conditions worsened, waste feed to the MHI was stopped at approximately 4:00 p.m.. Operations personnel were attempting to complete the United States Environmental Protection Agency/New York State Department of Environmental Conservation mandated 2.25-hour burnout of the remaining material within the system when the movement became such a structural concern that the decision was made to stop the ID fan and shutdown the system to prevent a catastrophic loss of the APCE. By design, the emergency vent dampers automatically open when the ID fan is stopped to prevent a condition of positive pressure within the MHI. It should be noted that no visible emission occurred during the time period in which the emergency vent dampers were open.

An engineering investigation was conducted to determine the cause of the back and forth movement of the ductwork and associated APCE. As a result of that investigation, it is believed that this event was caused by two primary factors. It appears that high winds on February 12, 1995, caused the exhaust system to begin shifting and surging loads on the ID fan at the other end of the system worked to push the ductwork back towards the stack. This type of force at each end of the system caused the ductwork to travel 3 to 4-inches back and forth. By shutting down the ID fan, the movement driver (initiator) at the end of the system was stopped and the ductwork movement was abated.

Ms. Jeanne M. Fox - 3
April 3, 1995

(INCIDENT REPORT Con't.)

Corrective Actions:

To prevent a future recurrence of this type, additional structural stops have been installed at the bottom of the stack to close the gap at that location to 1/64 inches. To prevent abnormal surge load on the ID fan, MHI operators now control feed rate to the MHI based upon water content as well as the amount of solids (see NYSDEC Report # 9414061 & NRC Report # 279061). In addition, an engineering investigation has been initiated to provide additional structural support to the ductwork system on the discharge side of the fan.

An engineering inspection of the exhaust stack, ductwork, and associated structural supports was conducted and no damage to the system was found as a result of this event.

Based upon the nature of this event and the material involved, we are not aware nor would we expect any adverse environmental impact to have resulted from this event. Additionally, in consideration of the corrective actions initiated, we recommend that no further action be taken.



August 9, 1994

Ms. Jeanne M. Fox
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. William Miner
New York State Emergency Management Office
New York State Department of Environmental Conservation
Bureau of Spill Prevention and Response, Room 340
50 Wolf Road
Albany, N.Y. 12233-3510

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, N.Y. 14620

Dear Ms. Fox, Mr. Miner and Ms. Meisenzahl:

**Subject: Release, Wastewater, Building 96 (B-96), Kodak Park, July 2, 1994
National Response Center Report # 247320, New York State Department
of Environmental Conservation Report # 9404576**

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on July 2, 1994. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health (MCHD).

If you have further questions regarding this occurrence, please contact Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:MTN
940702
Attachment

cc: Mr. Richard Elliott, P.E., MCDH
Mr. Thomas Marriott, P.E., NYSDEC, Region 8

INCIDENT REPORT

Date of Incident:	July 2, 1994
Location of Incident:	Building 96 (B-96), Kodak Park
NRC Report #:	247320
NYSDEC Report #:	9404576

Incident Report:

On July 2, 1994 Kodak Park (KP) personnel were in the process of preparing for a complete diversion of the industrial wastewater flow from the portion of the industrial sewer that travels beneath Handford Landing Road and Maplewood Drive. This diversion process involved the installation of an overland temporary pumping and piping system to pump the total wastewater flow out of this section of the industrial sewer system and reintroducing it back into the industrial sewer at a point farther down the system.

At the point where the wastewater was re-introduced into the treatment system a diversion plate had been installed at a 45 degree angle in the bottom of the manhole (see Figure 1A) in order to better direct the flow of wastewater to the auxiliary penstock (the pipeline being utilized to convey the wastewater to the treatment plant).

Diversion was initially established by sequentially turning on pumps. Upon activation of the 3rd pump (the 3rd pump was necessary to maintain a total diversion of wastewater flow) a failure of the diversion plate mounting occurred. As shown in Figure 1, the diversion plate moved out of position when the top Hilti bolts failed. When the plate moved to a vertical position, flow to the auxiliary penstock was impeded causing the wastewater to overflow through the manhole opening. This resulted in an estimated 12,500 to 20,000 gallons of industrial wastewater overflowing out of the manhole and traversing both down a steep embankment on the east side of B-96 and down the main vehicular roadway leading to the wastewater treatment plant. Of this amount, it is estimated that approximately one-half of the material flowed down the embankment and one-half flowed down the roadway. Of the amount that flowed down the roadway, a portion of that would have been re-introduced into the wastewater treatment plant via sewer drains located at the bottom of the hill.

Corrective Actions:

Immediately upon identification of the overflow (which occurred almost immediately) the diversion process was stopped and flow was re-directed through the main industrial sewer. This process took an estimated 15 minutes to complete during which time the overflow occurred. Due to personnel safety concerns related to the sharp incline of the embankment and the potential to undermine the structural footings and roadway in the area, no excavation of impacted media on the east side of B-96 could be undertaken. The Kodak Park Fire Department responded and flushed

Ms. Jeanne M. Fox - 3
August 9, 1994

the roadway leading to the treatment plant with copious amounts of water. This flushing operation was conducted in a controlled manner so as to direct the flow to the sewer drains at the bottom of the roadway and ultimately back into the treatment plant.

The diversion plate was then modified by attaching an additional piece of steel over the 45 degree wall connection and securing it through the concrete wall with appropriate supports on both sides of the wall as identified in Figure 1B (attached). The wastewater was then re-diverted to the temporary piping and the operation completed without further event.

This area of Kodak Park has been identified as a Solid Waste Management Unit (SWMU) for the purposes of RCRA Corrective Action. A Phase I RCRA Facility Investigation (RFI) is currently planned to take place in late summer, 1994. A workplan for that investigation is currently being developed. That workplan will be submitted to the NYSDEC prior to any work taking place. The investigation will be sufficient in scope to determine if any adverse environmental impact occurred as a result of this event. With the information from this investigation, the area will be prioritized and the Kodak Park Corrective Action Program schedule revised as appropriate.

Figure 1A
NRC # 247320, NYSDEC # 9404576
(Original Design)

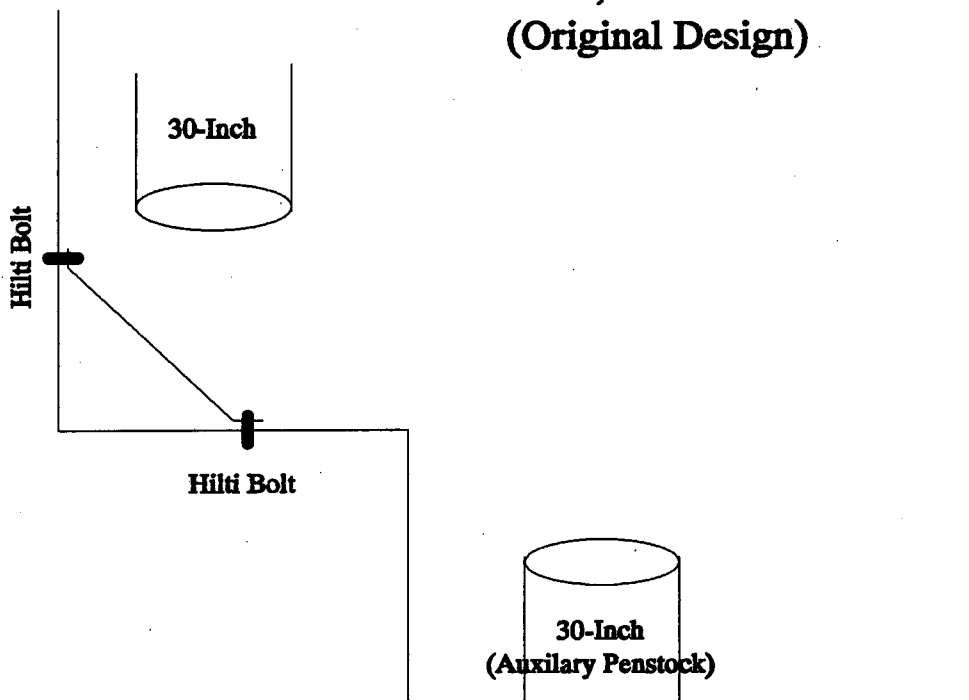
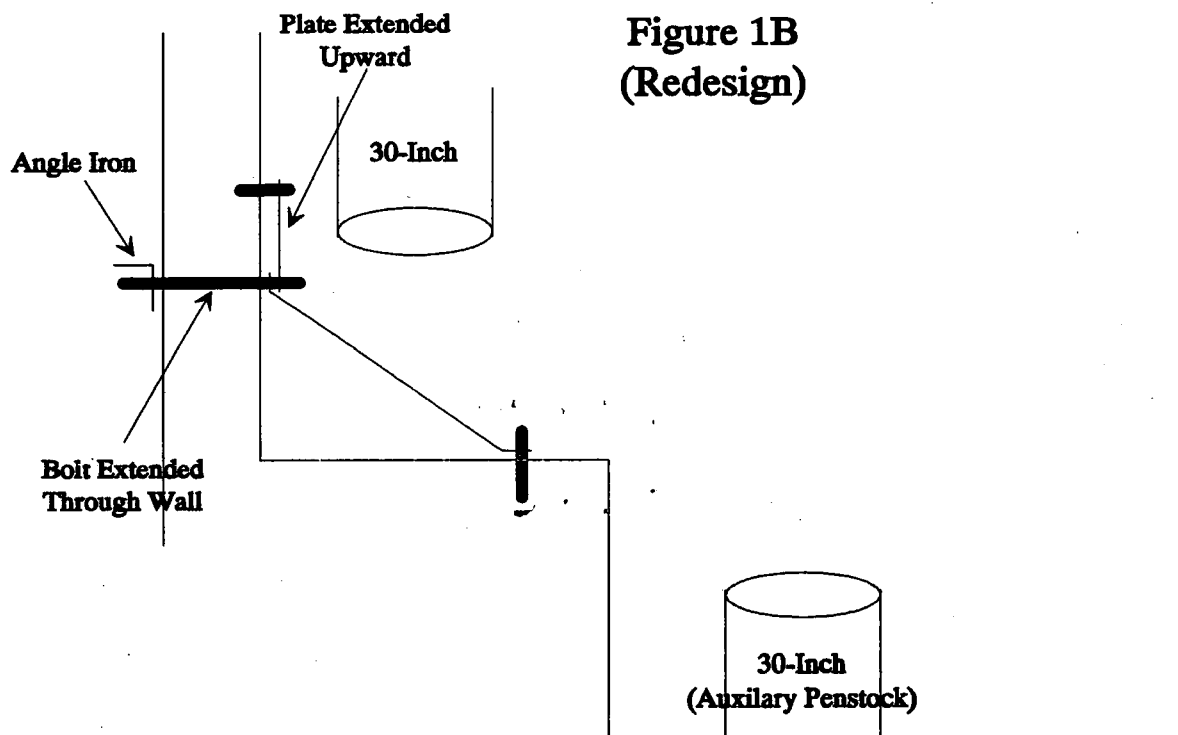


Figure 1B
(Redesign)



**This is not a scale
drawing. It is meant only to provide
a general, graphic representation.**



705 alme
Bruce

RESPONSE & PREVENTION BRANCH

94 AUG 29 AM 11:31

cc: Simon
Ballaran
8/8/94

Facility File

August 9, 1994

Ms. Jeanne M. Fox
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. William Miner
New York State Emergency Management Office
New York State Department of Environmental Conservation
Bureau of Spill Prevention and Response, Room 340
50 Wolf Road
Albany, N.Y. 12233-3510

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, N.Y. 14620

USEPA-REGION II
EMERGENCY
RESPONSE DIVISION
94 AUG 19 PM 4:38
DIRECTOR'S OFFICE

Dear Ms. Fox, Mr. Miner and Ms. Meisenzahl:

Subject: Release, Ethylene Glycol Sludge, Building 351 (B-351), Kodak Park
August 8, 1994, National Response Center Report # 254166, New York
State Department of Environmental Conservation Report # 9406263

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on August 8, 1994. This information is being supplied by Eastman Kodak Company, Kodak Park site and Photochemicals, Polymer and Recovery Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health (MCHD).

If you have further questions regarding this occurrence, please contact Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services
Corporate Environment

JRO:MTN
940808
Attachment

8/12
84-8-12 6157746

cc: Mr. Richard Elliott, P.E., MCDH
Mr. Thomas Marriott, P.E., NYSDEC, Region 8

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 254166
NYSDEC#: 9406263
Date: 08/08/94
Time: ~2:30 p.m.

Location of Incident: West Side of Building 351 (B-351), Kodak Park
Name of Release Contact: Mark Nicholson
Phone Number of Contact: (716) 722-4721

<u>Material (s) Released</u>		
<u>CAS Number</u> N/A	<u>Material (s) Released</u> Ethylene Glycol Sludge	<u>Quantity Released</u> Approx. 30 Gallon
<u>Extremely Hazardous Substance:</u> NO		<u>Health Hazard:</u> NO
<u>Duration of Release</u> Days: Hours: Minutes: 2	<u>Physical State Released</u> Solid Liquid X Gas	<u>Source of Release</u> Fiber Drum

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (On 8/08/94 at approximately 2:59 p.m.)
NYS Department of Environmental Conservation	Y (On 8/08/94 at approximately 3:00 p.m.)
Monroe County Department of Health	Y (On 8/08/94 at approximately 2:55 p.m.)
State Emergency Response Commission	Y (On 8/08/94 at approximately 3:00 p.m.)
Local Emergency Planning Committee	Y (On 8/08/94 at approximately 2:57 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

<input checked="" type="checkbox"/> Equipment Failure	Training Deficiencies
<input checked="" type="checkbox"/> Operator Error	Unusual Weather Conditions
Faulty Process Design	Other (Vehicle Accident)

Media in Which Material Was Released. (Check Applicable Media):

Atmosphere	<input checked="" type="checkbox"/> Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	System Shut Down
<input checked="" type="checkbox"/> Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

On Monday, August 8, 1994, at approximately 2:30 p.m., an estimated 30 gallons of ethylene glycol sludge (a mixture of dimethyl terephthalate, ethylene glycol, methanol and water) was spilled to a stone and cinder area on the west side of B-351, Kodak Park. This event occurred when one of the tines on a fork truck speared a fiber drum containing the sludge material as the operator attempted to move the pallet and drum.

In response to this event, all visually impacted media was excavated and containerized. This material will be sent off-site for appropriate treatment.

Based upon the quantity released and the immediate remedial measures undertaken at the time of the release, we are not aware nor would we expect any adverse environmental impact to have resulted from this event. We therefore recommend no further action be taken concerning this event.



RECEIVED

AUG 3 1 55 PM '94

U.S. EPA
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

Salvatore
Simone
8/5

Facility File

July 21, 1994

Ms. Jeanne M. Fox.
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon New York 14414

Mr. William Miner
New York State Emergency Management Office
New York State Department of Environmental Conservation
Bureau of Spill Prevention and Response, Room 340
50 Wolf Road
Albany, N.Y. 12233-3510

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Mesdames and Sirs:

Subject: Emergency Vent Damper Event, Building 218 (B-218), Nation Response
Center (NRC) Report # 246624, Kodak Park, New York State Department of
Environmental Conservation (NYSDEC) Report # 9404377

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 29, 1994. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health (MCDH).

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1994023

Attachment

cc: Mr. Richard Elliott, P.E., MCDH

80:1 WD 82 JUL 28 PM 1:08

U.S. EPA

INCIDENT REPORT

Location of Incident:	Building 218 (B-218)
Date of Incident:	June 29, 1994
NRC Report #:	246624
NYSDEC Report #	9404377

Description

On June 29, 1994, at approximately 8:00 a.m. an emergency shutdown of the Induced Draft (ID) fans for the B-218 Chemical Waste Incinerator occurred resulting in the initiation of the automatic shutdown sequence for this facility. This condition resulted in a complete automatic shutdown of all waste feed to the incinerator as well as the induced draft (ID) fans, which maintain air flow through the combustion chamber. As a result of the ID fans shutting down, the emergency vent damper automatically opened concurrently to release the heat from the combustion chamber and protect the air pollution control equipment from high temperatures. However, in this event, the emergency vent damper malfunctioned and did not open. As a result of this malfunction, the excess heat and combustion by-products were vented through the chemical incinerator's kiln primary air inlet duct and blast baffles allowing some of the combustion by-products to enter the building. The RCRA contingency plan was initiated and the building was immediately evacuated. No personnel on site were injured or required medical treatment although several employees were taken to Kodak's medical department as a precaution where they were evaluated and released back to work. This incident did not affect persons off site in the surrounding community. The LEPC was notified and arrived on-site to monitor and assist if needed.

Corrective Action

At approximately 8:45 a.m., the control system managing the emergency stack was shutdown and its cover was manually opened. Once the emergency stack cover was opened, the normal convection venting of the combustion chamber could take place. Doors and windows were opened to allow the building to adequately ventilate. At approximately 9:30 a.m., the incident was declared over and all personnel were allowed to re-enter the building.

A Process Safety Review (PSR) revealed that an electrical failure of a lube oil pump caused a false signal to be sent to the ID fan which in-turn initiated the automatic sequence. The electronic failure has been examined and corrected to prevent the false signal. Also, the emergency vent damper counterweights have been adjusted to better assist the opening action of the vent in similar situations.

Ms. Jeanne M. Fox - 3
July 19, 1994

Hazardous waste liquids and non-hazardous solids were being treated prior to and at the time the incident occurred. A list of the hazardous waste constituents being treated at the time of the incident is attached to this letter (Attachment I).

Based on the corrective actions outlined in this report and the fact that all waste feed was cut off concurrently with the initiation of the automatic shutdown of the ID fans and, we are not aware of nor would we expect any adverse environmental impact to have resulted from this event. Therefore, no further action is recommended at this time.

Attachment I

Hazardous Liquid Waste Constituents Being Treated at The Time of The Incident

Acetic acid
Acetone
Acetonitrile
Ammonium thiocyanate
Ammonium thiosulfate
Benzyl alcohol
Butanol
tert-Butyl alcohol
Cyclohexane
Cyclohexane dimethanol
Ethanol
Ethyl acetate
Ethylenediaminetetraacetic acid
Ethylene Glycol
Diethylene glycol
Diethylene glycol monobutyl ether
Di-N-Butyl Phthalate
1,1- Dimethoxyethane
Dimethyl terephthalate
p-Dioxane
Formaldehyde
Glutaraldehyde
Heptane
Hexane(s)
High molecular weight based tars
Hydroquinone
Iodine compounds
Isopropyl alcohol
Methanol
2-Methoxyethanol
Methyl acetate
Methylene chloride
Methyl ethyl ketone
Methyl isobutyl ketone
Propyl acetate
1,3-Propylenediamine tetraacetic acid
Pyridine
Silicone oil
Sodium hydroxide
Sodium thiosulfate
Tetrahydrofuran
Titanium dioxide
Toluene
Triethylene glycol
Waste oil
Water
Xylene(s)



Facility
File

B/6/30
Sullivan
Simon
Calkins
Brune

June 14, 1994

Ms. Jeanne M. Fox
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. William Miner
New York State Emergency Management Office
New York State Department of Environmental Conservation
Bureau of Spill Prevention and Response, Room 340
50 Wolf Road
Albany, N.Y. 12233-3510

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, N.Y. 14620

RECEIVED
JUN 22 12 53 PM '94
U.S. EPA
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

Dear Ms. Fox, Mr. Miner and Ms. Meisenzahl:

Subject: Release, Industrial Wastewater, Building 96 (B-96), Kodak Park May 4, 1994
National Response Center Report # 237966, New York State Department of
Environmental Conservation Report # 9401660

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on May 4, 1994. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health (MCHD).

If you have further questions regarding this occurrence, please contact Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R O'Connor

James R. O'Connor
Environmental Services
Corporate Environment

JRO:MTN
940504
Attachment

cc: Mr. Richard Elliott, P.E., MCDH
Mr. Thomas Marriott, P.E., NYSDEC, Region-8

PPB
54 JUN 27 PM 12:15
US EPA

INCIDENT REPORT

Date of Incident:	May 4, 1994
Location of Incident:	Building 96 (B-96), Kodak Park
NRC Report #:	237966
NYSDEC Report #:	9401660

Incident Report

On May 4, 1994, at approximately 1:45 P.M. an estimated two hundred gallons of a mixture of Kodak water, wastewater treatment grit and industrial wastewater was released to the soil on the side of a steep embankment on the east side of B-96 from two leaks in a 6-inch pipeline. Kodak water refers to water that Kodak draws directly from Lake Ontario. This 6-inch pipeline conveys grit from the B-96 grit chamber to a vibrating screen system used to separate the grit from the wastewater at the King's Landing Wastewater Purification Plant (KLWPP). The wastewater is then returned to the treatment system and the grit is removed for treatment.

The 6-inch line had become plugged and Kodak had hired a contract firm to clear the blockage. This firm was using a high pressure water system to clear the blockage. As this firm was working to unplug the line, KLWPP operations personnel noticed water spurting out of the pipe above where the contractors were working. The high pressure water system was immediately stopped.

A visual inspection of the line by KLWPP personnel revealed the presence of two leaks within the line. One leak occurred at joint coupling two sections of the pipeline together. Apparently, the bolts on the coupling had vibrated loose over time. The second leak, upstream from the first one, was a 6-inch split in the top of the line. There was a noticeable protrusion (or swelling) in the pipeline at the point of the split. It is our belief that this protrusion was the result of water, trapped above the blockage that froze over the course of the winter. This freezing would have caused the liquid to expand, thereby weakening that portion of the pipeline which then split under the stress of the high pressure water system being used to clear the blockage.

The 200-gallon estimated release is based on the amount of Kodak water being used during the blockage clearing operation. Although the contractor was using Kodak water at the time of this event, a small amount of residual grit and wastewater would be present within the line. The mixture is estimated to be 95% Kodak water and 5% residual grit and wastewater. Since this line traverses a steep embankment from B-96 to the vibrating screen system, no excavation of soil was or is feasible. This determination is based in part on safety concerns for the persons who would be performing the excavation and the potential to undermine the structural footers to B-96, other pipeline supports in the area and the roadway.

Ms. Jeanne M. Fox - 3
June 14, 1994

(Incident report Con't)

Corrective Actions:

Prior to being placed back into service, the bolts on the coupling were tightened, the 6-inch line that had split was repaired and the line was tested for leaks. A new grit handling system is currently being designed. It is projected to be in-place and operational by the spring of 1995. This new system will not utilize any of the existing system's equipment.

Kodak has identified the above release as potentially having impact on the subsurface soils and/or groundwater. As such, the Groundwater Quality Section of Corporate Environment will evaluate the need for additional investigation and, if necessary, remediation, under the Kodak Park Corrective Action Program and submit a proposal to the Department within 30 days.



JD Sullivan *3/4/26*
RESPONSE PREVENTION BRANCH
94 APR 25 AM 8:18

cc: Simon
Raulon

*Facility
File*

January 31, 1994

Mr. William J. Muszynski
Acting Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Ethylene Glycol, Building 317 (B-317), Kodak Park,
National Response Center (NRC) Report #218273, New York State Department of
Environmental Conservation (NYSDEC) Report # 9312486.

Attached to this letter is an up-dated letter containing the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on January 24, 1994 pertaining to this incident. Due to some minor errors found in the Release Follow-Up Reporting Form mailed to your office on January 27, 1994, we are sending an amended version. Please discard the previous letter and Release Follow-Up Reporting Form from your files and replace it with this current version.

If you have further questions, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
SWohlschlegel
1994003

Attachment

cc: Mr. Richard Elliott, P.E., MCPH

pp18
94 FEB -9 AM 11:11
US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 218273
NYSDEC#: 9312486
Date: 1/24/94
Time: 10:15 a.m.

Location of Incident: Building 317, Kodak Park.
Name of Release Contact: Mark Nicholson
Phone Number of Contact: (716) 722-4721

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Ethylene Glycol	Estimated 5 Gallons
<u>Extremely Hazardous Substance:</u> NO		<u>Health Hazard:</u> NO
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Pipe
Hours:	Liquid X	
Minutes: 20	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 01/24/94 at 12:08 p.m.)
NYS Department of Environmental Conservation	Y (on 01/24/94 at 12:16 p.m.)
Monroe County Department of Health	Y (on 01/24/94 at 12:20 p.m.)
State Emergency Response Commission	Y (on 01/24/94 at 12:16 p.m.)
Local Emergency Planning Committee	Y (on 01/24/94 at 12:12 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	X Other (Frozen Pipe)

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Atmosphere	X Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

X Containment	System Shut Down
X Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

An estimated 5 gallons of ethylene glycol was released from a pipe that had been disconnected from a storage tank during an attempt to thaw a freeze-up in a section of pipe. The released material flowed to a stone area within the tankfarm. Upon knowledge of the release, efforts were made to contain and stop any additional leakage of material from the pipe. An immediate excavation took place to remediate all visibly contaminated stone in the area of the release. All contaminated stone was containerized, characterized and sent for treatment at the Kodak Park Chemical Waste Incinerator. After the frozen section of pipe was thawed, the pipe was reconnected and returned to normal operating service. In the future, during this type of maintenance activity, additional measures will be taken to contain any leakage from the system prior to initiating work.

We believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend that no further action be taken.



Facility File

2/21/94

RECEIVED

FEB 14 9 07 AM '94

U.S. EPA
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

*cc: Simon
Pastor
Salvini*

Brund

January 27, 1994

Mr. William J. Muszynski
Acting Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

U.S. EPA
DIRECTOR'S OFFICE
94 FEB -7 PM 1:00
EMERGENCY RESPONSE DIVISION

Dear Sirs and Madam:

Subject: Release, Ethylene Glycol, Building 317 (B-317), Kodak Park,
National Response Center (NRC) Report #218273, New York State Department of
Environmental Conservation (NYSDEC) Report # 9312486.

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on January 24, 1994. This information is being supplied by Eastman Kodak Company, Kodak Park site and Polymer Manufacturing and Recovery Department Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services Section
Corporate Environment

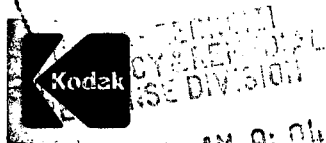
JRO:slw
SWohlschlegel
1994000

Attachment

94 FEB -4 PM 4:00

cc: Mr. Richard Elliott, P.E., MCDH

US EPA



93 SEP 13 AM 9:04

DIRECTOR'S OFFICE
August 17, 1993

cc: Simon
Pavlae
TO SALUTE
Banc

Facility File

Mr. Willaim J. Muszynski
Acting Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Wastewater Treatment Sludge, Building 95 (B-95), Kodak Park, National Response Center (NRC) Report # 191880, New York State Department of Environmental Conservation (NYSDEC) Report # 9305821

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on August 11, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:MTN
930811(B)
Attachment

PP18

cc: Mr. Richard Elliott, P.E.
93 SEP 13 AM 9:04
EPA

Mr. William J. Muszynski - 2
August 17, 1993

bcc: W.Chandler
J.Gabriel/J.O'Connor
B.Gorton/R.Rock
J.Gould
P.Loberg
H.Lockhart
P.Lytle/J.Mathews
M.Nicholson
S.Vaughn
Central File #702



93 SEP 13 AM 9:04

DIRECTOR'S OFFICE
August 30, 1993

cc: Simon
P. Kula

Mr. William J. Muszynski
Acting Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Chemical Waste Incinerator Emergency Stack Opening, Building 218 (B-218), Kodak Park,
National Response Center (NRC) Report # 194215, New York State Department of
Environmental Conservation (NYSDEC) Report # 9306312

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on August 23, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
Environmental Services
Corporate Environment

JRO:slw
1992037
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

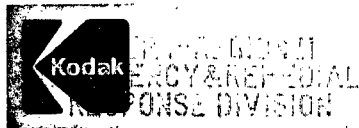
PP18
93 SEP 13 AM 8:25
US EPA

Attachment I

Major Liquid Waste Constituents Being Treated at The Time of The Incident

Acetone
Acetonitrile
Alkyl ketene
Butanol
Butyl acetate
Butyl carbitol acetate
1,1-Dimethoxyethane
Dissolved Tars
Distilled Methyl Esters
Cyclohexane
Ethanol
Acetic acid
Ethyl acetate
Ethylene dichloride
Glycerine
Heptane
Hexane(s)
Isoheptane
Isopar
Isopropyl alcohol
Isopropyl ether
Methanol
Methyl acetate
2-Methoxyethanol
Methylene chloride
Methyl-1,3-dioxalane
Methyl ethyl ketone
Methyl isobutyl ketone
Propanol
Propylene dichloride
Pyridine
Silicone oil
Soy vegetable oils
Stoddard solvent
Tetrahydrofuran
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene
Triphenyl phosphate
Waste oil
Water
Xylene

**bcc: W. Chandler/P. Lytle/J. Mathews
T. Dahl
P. Loberg/G. Smith/D. Newfang
H. Lockhart
G. Mauk (B-218 Clerk)
S. Wohlschlegel
Central File #22**



To Sullivan

*a. Senior
Plaza*

93 SEP 13 AM 9:04

August 30, 1993 DIRECTOR'S OFFICE

Mr. William J. Muszynski
Acting Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Ethylene Glycol, Mt. Read Blvd., Kodak Park Area,
National Response Center (NRC) Report # 195044, New York State Department of
Environmental Conservation (NYSDEC) Report # 9306539.

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on August 28, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Construction Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993039
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

PP1B
93 SEP 13 AM 8:25
US EPA



93 SEP 13 AM 9:04

DIRECTOR'S OFFICE
August 31, 1992

Mr. William J. Muszynski
Acting Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Chemical Waste Incinerator Emergency Stack Opening, Building 218 (B-218), Kodak Park,
National Response Center (NRC) Report # 194266, New York State Department of
Environmental Conservation (NYSDEC) Report # 9306417

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on August 24, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
Environmental Services
Corporate Environment

JRO:slw
1993038
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

93 SEP 13 AM 8:25
PP18
US EPA

TD SALKIN

cc: Inni
Paula

Attachment I

Major Liquid Waste Constituents Being Treated at The Time of The Incident

Acetone
Acetonitrile
Alkyl ketene
Butanol
Butyl acetate
Butyl carbitol acetate
1,1-Dimethoxyethane
Dissolved Tars
Distilled Methyl Esters
Cyclohexane
Ethanol
Acetic acid
Ethyl acetate
Ethylene dichloride
Glycerine
Heptane
Hexane(s)
Isoheptane
Isopar
Isopropyl alcohol
Isopropyl ether
Methanol
Methyl acetate
2-Methoxyethanol
Methylene chloride
Methyl-1,3-dioxalane
Methyl ethyl ketone
Methyl isobutyl ketone
Propanol
Propylene dichloride
Pyridine
Silicone oil
Soy vegetable oils
Stoddard solvent
Tetrahydrofuran
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene
Triphenyl phosphate
Waste oil
Water
Xylene

bcc: W. Chandler/P. Lytle/J. Mathews
T. Dahl
P. Loberg/G. Smith/D. Newfang
H. Lockhart
G. Mauk (B-218 Clerk)
S. Wohlschlegel
Central File #22



EMERGENCY RESPONSE DIVISION

93 SEP 30 PM 4:50

DIRECTOR'S OFFICE

September 22, 1993

Mr. William J. Muszynski
Acting Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Wastewater Release, Building 94 (B-94), Kodak Park, National Response Center
(NRC) Report # 198479, New York State Department of Environmental Conservation
(NYSDEC) Report # 9307434

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on September 19, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993042
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

93 SEP 30 PM 2:53
US EPA

EASTMAN KODAK COMPANY • 343 STATE STREET • ROCHESTER, NEW YORK 14650

TO SALMIL

cc: Senior
Pleula

Facility
File

RECEIVED
OCT 12 11 10 AM '93
U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS



bcc: W. Chandler
J. Gabriel
B. Gomperts
B. Gorton/D. Rice
P. Loberg
H. Lockhart
P. Lytle/J. Mathews
R. Rock
S. Wohlschlegel
Central File #22

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 198479
NYSDEC#: 9307434
Date: 9/19/93
Time: 12:45 p.m.

Location of Incident: Building 95, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Wastewater	Estimated 20 Gallons
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Auxiliary Penstock Pipe
Hours: 1	Liquid <u>X</u>	
Minutes:	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 09/19/93 at 02:22 p.m.)
NYS Department of Environmental Conservation	Y (on 09/19/93 at 02:30 p.m.)
Monroe County Department of Health	Y (on 09/19/93 at 02:45 p.m.)
State Emergency Response Commission	Y (on 09/19/93 at 02:30 p.m.)
Local Emergency Planning Committee	Y (on 09/19/93 at 02:15 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

<input checked="" type="checkbox"/> Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Atmosphere	<input checked="" type="checkbox"/> Soil

Corrective Action Taken. (Check Applicable Action):

<input checked="" type="checkbox"/> Containment	System Shut Down
<input checked="" type="checkbox"/> Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

Kings Landing Wastewater Purification Plant personnel were in the process of routine plant inspection when industrial wastewater was noticed to be leaking from a pinhole on the top of the auxiliary penstock pipe. The wastewater flow into the treatment plant was immediately diverted to the main penstock upon notice of the leak. Approximately 20 gallons of wastewater flowed onto the soil immediately under the pinhole leak the auxiliary penstock pipe. All visually contaminated soil was immediately excavated, packaged and sent for treatment at the Kodak Park Chemical Waste Incinerator.

This pipe is out of service pending an engineering investigation to evaluate and execute repair or replacement options.

As a result of the immediate clean-up and the relatively small amount of constituents that could possibly be present in the wastewater, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.

bcc: W. Chandler

J. Gabriel

B. Gomperts

B. Gorton/D. Rice

P. Loberg

H. Lockhart

P. Lytle/J. Mathews

R. Rock

S. Wohlschlegel

Central File #22



USEPA-REGION II
EMERGENCY & REMEDIAL
RESPONSE DIVISION

93 JUL 30 AM 11:32

DIRECTOR'S OFFICE

July 22, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Building 95 (B-95), Compromised Pipe, Kings Landing Wastewater Purification Plant (KLWPP), National Response Center (NRC) Report # 185237, Kodak Park, New York State Department of Environmental Conservation (NYSDEC) Report #9304462

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notification made to your office on July 9, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993031
SWohlschlegel

cc: Mr. Richard Elliott, MCDH

PP1B

93 JUL 28 PM 12:02

US EPA

EASTMAN KODAK COMPANY • 343 STATE STREET • ROCHESTER, NEW YORK 14650

TO ULS WOFFER

cc: Simon
Paula

Paula

U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

AUG 9 1 29 PM '93

RECEIVED



Location: B-95
Date: July 9, 1993
NRC #: 185237
NYSDEC Report # 9304462

Description

On July 9, 1993, at approximately 9:30 a.m., King's Landing Wastewater Purification Plant (KLWPP) personnel discovered industrial sewer wastewater leaking from a small hole on a welded flange of the above ground auxiliary penstock pipe. The flowrate of the leak was estimated to be 1 gallon per minute. The auxiliary penstock was in use while the main penstock was out of service for routine maintenance. It is estimated that up to 1,200 gallons of industrial wastewater leaked onto the soil beneath the pipe. This is a maximum case release estimate based on the pipe leaking at a rate of 1 gallon per minute for 19.5 hours (the time elapsed between visual inspections of piping systems). There is no way to determine at what point in time over the 19.5 hour time period that the leak started. A sample of the influent was collected and analyzed for metals, volatile and semi-volatile organics which are parameters on the SPEDES discharge permit #NY-001643. The analytical results of the sample are summarized in Attachment I.

Corrective Action

Immediately upon knowledge of the release, the wastewater influent to the treatment plant was diverted to a storm water collection tank, eliminating the majority of the flow to this pipe and reducing the flow of the leak. Plastic was placed under the leak to route leakage flow back to the treatment facility. The plastic also prevented further wastewater contact with soil. A capped coupling was welded over the hole to eliminate the leak. All visibly impacted soil was removed, placed in plastic lined fiber carton and sent for treatment at the Kodak Park Chemical Waste Incinerator.

Since the location of this leak is at a point of high turbulent flow, the pipe is subject to potentially high wear. A decision has been made to replace this section of pipe with a new double flanged pipe. This will allow for easy removal of the pipe section for future inspections.

Based upon the small quantity of constituents (0.10 LB total constituents) present in the sample analysis (see Attachment I), and the prompt removal of visually contaminated moist soil, it is unlikely that any adverse environmental impact occurred as a result of this incident. Therefore, no further action is recommended at this time.

Attachment I

<u>Chemical Name</u>	<u>Wastewater* Sample Concentration (ppm)</u>	<u>Total Quantity** Pounds</u>
Methylene Chloride	0.2	0.002
1,2-Dichloropropane	0.1	0.001
Pyridine	0.3	0.004
M&P-Cresol	0.1	0.001
Phenol	1.5	0.018
4-Chloro-3, 5-dimethylphenol	0.13	0.002
Copper Total	0.13	0.002
Silver Total	0.39	0.005
Iron Total	4.3	0.052
Lead Total	0.08	0.001
Nickel Total	0.04	0.001
Chromium Total	0.06	0.001
Zinc Total	0.5	0.006
Total		0.10 pound

* The wastewater sample was analyzed for volatile and semi-volatile organics and metals which are parameters on the SPDES discharge permit #NY-0001643

** Based on the estimated maximum of 1,200 gallons released from the auxiliary penstock pipe.

bcc: W. Chandler
B. Gomperts
B. Gorton/D. Rice
H. Lockhart
P. Lytle/J. Mathews
R. Rock
S. Wohlschlegel
Central File #22



USEPA-REGION II
EMERGENCY & REMEDIAL
RESPONSE DIVISION

93 AUG -2 PM 3: 51
DIRECTOR'S OFFICE

cc: Simon
Pattin
John U

July 26, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620


Dear Sirs and Madam:

Subject: Release, 50% Water 50% Ethylene Glycol (Antifreeze), Parking Lot #47, Kodak Park,
National Response Center (NRC) Report #188662 and 188663, New York State Department of
Environmental Conservation (NYSDEC) Report # 9305150

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the
events leading to and follow-up of the telephone notifications made to your offices on July 26, 1993.
This information is being supplied by Eastman Kodak Company, Kodak Park site. A copy of this report
is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my
staff at (716) 477-7765.

Very truly yours,


James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993033
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

PP18
93 JUL 30 PM 3: 20
US EPA

**bcc: W. Chandler
H. Lockhart
P. Lytle/J. Mathews
S. Manchester
S. Wohlschlegel
Central File #22**



TO Weber

cc. Senni
Lawson

July 1, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Building 95 (B-95), Compromised Pipe, Kings Landing Wastewater Purification Plant
(KLWPP), National Response Center (NRC) Report # 182157, Kodak Park, New York
State Department of Environmental Conservation (NYSDEC) Report #9303256

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notification made to your office on June 23, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours

James R. O'Connor
James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993027
SWohlschlegel

cc: Mr. Richard Elliott, MCDH

93 JUL 16 PM 4:26

US EPA

USEPA-REGION II
EMERGENCY/REMEDIAL
RESPONSE DIVISION
93 JUL 16 PM 4:54
DIRECTOR'S OFFICE

RESPONSE & PREVENTION BRANCH
93 JUL 22 AM 11:23

bcc: W. Chandler
B. Gomperts
B. Gorton/D. Rice
H. Lockhart
P. Lytle/J. Mathews
R. Rock
S. Wohlschlegel
Central File #22



July 2, 1992

TO Whelan

USEPA - REGION II
EMERGENCY & REMEDIAL
RESPONSE DIVISION

93 JUL 16 PM 4: 54

DIRECTOR'S OFFICE

*cc: Miner
Paula*

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Director, Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Continuous Release Notification - Annual Update of Notice

The attachment to this letter represents the Annual Update of Notice concerning the Continuous Release Notification made on June 28, 1993. It represents the best information we have available at this time. Should other information, not known or recognized at this time, become available, a Notice Of Change report will be filed with your offices.

If you have any questions concerning this information, please contact Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services
Corporate Environment

81dd

Attachment
CR124531

92:4 14 91 708 86

cc: Mr. Richard Elliott, P.E., Monroe County Department of Health
Mr. William Miner, NYSDEC, Albany

EASTMAN KODAK COMPANY • 343 STATE STREET • ROCHESTER, NEW YORK 14650



SECTION II:

SOURCE SPECIFIC INFORMATION

Name of Source: Kodak Park Site Facility

Part A. Specific Information On The Source

Principle Affected Medium: Air

Surface Areas: Approximately 2000 Acres

Part B. The Activity That Resulted In This Release

The manufacture of film and photographic products.

**Part C Basis For Asserting The Release Is Continuous
And Stable In Quantity And Rate**

Toxic Release Inventory Data compiled for 1992. Specifically, fugitive, non-point source emissions.

Mr. C. Sidamon Eristoff - 5
July 2, 1993

cc: Wm.Chandler
T.Dahl
J.Gabriel/J.Iorio
K.Hoffman
H.Lockhart
P.Lytle/J.Mathews
M.Nicholson
S.Vaughn
Central File



June 10, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Wastewater Release, Building 218 (B-218), Kodak Park, National Response Center
(NRC) Report # 178668, New York State Department of Environmental Conservation
(NYSDEC) Report # 9303051

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 7, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993020
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#.178668
NYSDEC# 9303051
Date: 6/7/93
Time: 7:55 p.m.

Location of Incident: Building 218, Kodak Park.

Name of Release Contact: Mark Nicholson

Phone Number of Contact: (716) 722-4721

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Scrubber Wastewater	Estimated 35-40 Gallons
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Flange on Strainer Pod
Hours:	Liquid <input checked="" type="checkbox"/> X	
Minutes: 10 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 06/07/93 at 09:00 p.m.)
NYS Department of Environmental Conservation	Y (on 06/07/93 at 09:07 p.m.)
Monroe County Department of Health	Y (on 06/07/93 at 09:15 p.m.)
State Emergency Response Commission	Y (on 06/07/93 at 09:07 p.m.)
Local Emergency Planning Committee	Y (on 06/07/93 at 09:15 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

- | | |
|---|----------------------------|
| <input checked="" type="checkbox"/> Equipment Failure | Training Deficiencies |
| Operator Error | Unusual Weather Conditions |
| Faulty Process Design | Other |

Media in Which Material Was Released. (Check Applicable Media):

- | | |
|------------------|--|
| Industrial Sewer | Storm Sewer |
| Atmosphere | <input checked="" type="checkbox"/> Soil |

Corrective Action Taken. (Check Applicable Action):

- | | |
|--|--|
| Containment | <input checked="" type="checkbox"/> System Shut Down |
| <input checked="" type="checkbox"/> Excavation of Contaminated Media | Other |

Brief Description of Corrective Action Taken to Remediate Released Material:

Wastewater was noticed to be leaking from a flange on the strainer pod which removes ash and grit from the recirculated water in the scrubber water quench system. Approximately 35 to 40 gallons of wastewater leaked to a stone area beneath the strainer. The scrubber water system is replenished with approximately 200-300 gallons of fresh water per minute due to evaporation and overflow into the Kodak Park Industrial Sewer System. Therefore, the wastewater would carry only small quantities of various hazardous waste during normal operations. Visibly contaminated stones and soil were excavated, packaged and will be treated on-site. The flange gasket on the strainer was repaired and the system was returned to service.

As a result of the immediate clean-up and the relatively small amount of constituents that could possibly be present in the wastewater, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.

bcc: W. Chandler
J. Gabriel
B. Gomperts
P. Loberg
H. Lockhart
P. Lytle/J. Mathews
D. Newfang/J. Berner
G. Smith
S. Vaughn
S. Wohlschlegel
Central File #22



RECEIVED
JUN 29 9 04 AM '93
U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

Handwritten signatures: P. Kula, Bruce, S. Kula

June 14, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

U.S. E.P.A.
REMOVAL AND EMERGENCY
RESPONSE DIVISION
93 JUN 23 AM 9:05
DIRECTOR'S OFFICE

Dear Sirs and Madam:

Subject: Wastewater Release, Building 218 (B-218), Kodak Park, National Response Center
(NRC) Report # 177915, New York State Department of Environmental Conservation
(NYSDEC) Report # 9302910

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 3, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993019
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

PP18
93 JUN 22 PM 4:13
US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 177915
NYSDEC#: 9302910
Date: 6/3/93
Time: 09:30 a.m.

Location of Incident: Building 218, Kodak Park.
Name of Release Contact: Mark Nicholson
Phone Number of Contact: (716) 722-4721

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Wastewater	Approximately 5 gallons
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Silencer Flange
Hours:	Liquid X	
Minutes: 10 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 06/03/93 at 03:54 p.m.)
NYS Department of Environmental Conservation	Y (on 06/03/93 at 04:12 p.m.)
Monroe County Department of Health	Y (on 06/03/93 at 04:04 p.m.)
State Emergency Response Commission	Y (on 06/03/93 at 04:12 p.m.)
Local Emergency Planning Committee	Y (on 06/03/93 at 04:20 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

- | | |
|---|----------------------------|
| <input checked="" type="checkbox"/> Equipment Failure | Training Deficiencies |
| Operator Error | Unusual Weather Conditions |
| Faulty Process Design | Other |

Media in Which Material Was Released. (Check Applicable Media):

- | | |
|------------------|--|
| Industrial Sewer | Storm Sewer |
| Atmosphere | <input checked="" type="checkbox"/> Soil |

Corrective Action Taken. (Check Applicable Action):

- | | |
|--|--|
| Containment | <input checked="" type="checkbox"/> System Shut Down |
| <input checked="" type="checkbox"/> Excavation of Contaminated Media | Other |

Brief Description of Corrective Action Taken to Remediate Released Material:

Wastewater was noticed to be leaking from a flange on the fiberglass air silencer leading from the induced draft (ID) fans to the stack. Approximately 5 gallons of wastewater leaked to a stoned area beneath the silencer. During a maintenance shutdown, water was used to wash the blades of the ID fans to prevent the fans from becoming unbalanced. Due to a plugged drain in the ID fan area, water backed up into the silencer and leaked out. Normally water would flow through the drain and into the recycled water system. This wastewater can contain residuals from the hazardous waste treatment process during normal operations. However, in this event, waste was not being treated for approximately 5 hours prior to the leak. Visibly contaminated stones and soil were excavated, packaged and will be treated on-site. The drain was unplugged, the gasket on the silencer repaired and the system was returned to service.

As a result of the immediate clean-up and the relatively small amount of hazardous waste constituents that could possibly be present in the wastewater, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.

bcc: W. Chandler
J. Gabriel
B. Gomperts
P. Loberg
H. Lockhart
P. Lytle/J. Mathews
D. Newfang/J. Berner
G. Smith
S. Vaughn
S. Wohlschlegel
Central File #22



RECEIVED

JUN 29 9 04 AM '93

U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

Facility File

June 14, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Scrubber Water Release, Building 218 (B-218), Kodak Park,
National Response Center (NRC) Report # 177911, New York State Department of
Environmental Conservation (NYSDEC) Report # 9302883

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 3, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993018
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

PP1B
93 JUN 22 PM 4:13
US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 177911
NYSDEC#: 9302883
Date: 6/3/93
Time: 09:30 a.m.

Location of Incident: Building 218, Kodak Park.
Name of Release Contact: Mark Nicholson
Phone Number of Contact: (716) 722-4721

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Scrubber Wastewater	Approximately 2 gallons
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Leaking Valve
Hours:	Liquid <u>X</u>	
Minutes: 30 Minutes	Gas	

Organizations Notified, Yes/No:

Date and Time of Notification

National Response Center	Y	(on 06/03/93 at 12:04 p.m.)
NYS Department of Environmental Conservation	Y	(on 06/03/93 at 12:12 p.m.)
Monroe County Department of Health	Y	(on 06/03/93 at 12:17 p.m.)
State Emergency Response Commission	Y	(on 06/03/93 at 12:12 p.m.)
Local Emergency Planning Committee	Y	(on 06/03/93 at 12:21 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

<input checked="" type="checkbox"/> Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Atmosphere	<input checked="" type="checkbox"/> Soil

Corrective Action Taken. (Check Applicable Action):

Containment	<input checked="" type="checkbox"/> System Shut Down
<input checked="" type="checkbox"/> Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

Recycled water was noticed leaking from a valve body on a pipe connected to the Air Pollution Control Equipment (APCE). Approximately 2 gallons of wastewater flowed to a stone area beneath the pipe and valve. The recycled water is used in the scrubbing operation and can carry small quantities of various hazardous waste constituents during normal operations. However, in this event, waste was not being treated for approximately 5 hours prior to the leak. Water replenishes in the system at a rate of 200 - 300 gallons per minute. The overflow from this system flows to the Kodak Park Industrial Sewer System. At this replacement rate, it is highly unlikely that any hazardous waste constituents were present in the scrubber wastewater released. Visibly contaminated stones and soil were excavated, packaged and will be treated on site. The valve was repaired and the system was returned to service.

As a result of the immediate clean-up and the relatively small amount of constituents that could possibly be present in the wastewater, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.

bcc: W. Chandler
J. Gabriel
J. Gould
P. Loberg
H. Lockhart
P. Lytle
D. Newfang/J. Berner
G. Smith
S. Vaughn
S. Wohlschlegel
Central File #22



Sidamon
Perlow

June 17, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Building 95 (B-95), Compromised Pipe, Kings Landing Wastewater Purification Plant (KLWPP), Nation Response Center (NRC) Report # 176882, Kodak Park, New York State Department of Environmental Conservation (NYSDEC) Report #9302684

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notification made to your office on May 28, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993021
SWohlschlegel
Attachment

cc: Mr. Richard Elliott, MCDH

PP1B

93 JUN 25 PM 3:27

US EPA

USEPA REGION II
EMERGENCY & REMEDIAL
RESPONSE DIVISION
93 JUN 29 PM 2:01
DIRECTOR'S OFFICE

Location: B-95
Date: May 28, 1993
NRC #: 176882
NYSDEC Report # 9302684

Description

On May 28, 1993, during a scheduled video inspection, damage to an underground scrubber discharge pipe was discovered at KLWPP. This pipe conveys scrubber blowdown water from an odor control scrubber into the treatment plant. In the odor control scrubber, dilute sodium hypochlorite reacts with hydrogen sulfide generated during wastewater treatment to form inorganic salts dissolved in water.

Two separate streams feed into the scrubber discharge pipe. The first stream is from the scrubber, which is a closed loop, recirculating system. When the salt concentration in the scrubber becomes too high, as measured by a conductivity probe, the scrubber water is discharged through the pipe to the treatment plant. Depending on the amount of hydrogen sulfide generated from the wastewater treatment process, the scrubber can discharge from once every couple of days to once or twice per day. The second stream that flows through this pipe is a four gallon per minute side stream, which is drawn off the scrubber in order to monitor the free chlorine levels. The pipe has not been previously inspected. Therefore, it is not possible to determine the amount of scrubber solution released.

Corrective Action

The damaged pipe has been taken out of service. An engineering investigation has been initiated to evaluate replacement options. Water from the scrubber and the sample line will be discharged to the treatment plant via an alternate, temporary pipe.

Based upon the relatively innocuous nature of the constituents released, it is unlikely that any adverse environmental impact occurred as a result of this incident. Therefore, no further action is recommended at this time.

bcc: W. Chandler
B. Gomperts
B. Gorton/D. Rice
H. Lockhart
P. Lytle/J. Mathews
R. Rock
S. Wohlschlegel
Central File #22



June 17, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Emergency Stack, Building 218 (B-218), Nation Response Center (NRC)
Report # 179126, Kodak Park, New York State Department of Environmental
Conservation (NYSDEC) Report # 9303135

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notification made to your office on June 9, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993022
SWohlschlegel
Attachment

cc: Mr. Richard Elliott, MCDH

Location: B-218
Date: June 9, 1993
NRC #: 179126
NYSDEC Report # 9303135

Description

On June 9, 1993, at approximately 12:50 p.m., the B-218 chemical waste incinerator programmable logic controller (PLC) placed the facility into an automatic shutdown condition. This condition resulted in a complete automatic shutdown of all waste feeds to the incinerator as well as the induced draft (ID) fans, which maintain air flow through the combustion chamber. As a result of the ID fans shutting down, the emergency stack normally opens concurrently to release the heat from the combustion chamber and protect air pollution control equipment from becoming damaged. However, in this event, the PLC did not send the signal to open the emergency stack. As a result of this malfunction, the excess heat and combustion by-products were vented through the chemical incinerator's kiln seals and blast baffles allowing some of the combustion by-products to enter the building. The RCRA contingency plan was initiated and the building was immediately evacuated. No personnel on site were injured or required medical treatment. This incident did not effect persons off site in the surrounding community. The LEPC was notified and arrived on-sight to monitor and assist if needed.

Corrective Action

At approximately 1:25 p.m., the control system managing the emergency stack was shutdown and its cover was manually opened. Once the emergency stack cover was opened, the normal convection venting of the combustion chamber could take place. Doors and windows were opened to allow the building to adequately ventilate. At approximately 2:00 p.m., the incident was declared over and all personnel were allowed to re-enter the building. Maintenance and instrument mechanics were immediately requested to troubleshoot the PLC. After a careful investigation it was determined the PLC was faulty and needed to be replaced. A new PLC was purchased and installed. After thorough testing of the new PLC, the system was returned to service.

Hazardous waste liquids and non-hazardous solids were being treated prior to and at the time the incident occurred. A list of the major waste constituents being treated during the time of the incident is attached to this letter (Attachment I).

Based on the fact that all hazardous waste solvent feed was cut off concurrently with the shutdown of the ID fans and that non-hazardous solids were being burned at the time the incident occurred, we are not aware of nor would we expect any adverse environmental impact to have resulted from this event. Therefore, no further action is recommended at this time.

Attachment I

Major Hazardous Liquid Waste Constituents Being Treated at The Time of The Incident

Acetic acid
Acetone
Acetonitrile
Butyl carbitol acetate
Cyclohexane
Dimethoxyethylphthallate
1,4-Dioxane
Ethanol
Ethyl acetate
Ethylene dichloride
Ethylene Glycol
Glycerine
Heptane
Hexane(s)
High molecular weight based tars
Isopropyl alcohol
Methanol
Methyl acetate
Methylene chloride
Methyl ethyl ketone
Methyl isobutyl ketone
2-Methyl 2,4-pentanediol
Mixed methyl esters
Naphthalenesulfonic acid(s)
p-Cymene
Petroleum based hydrocarbons (i.e. non-PCB oils)
Photographic developers/solutions
Potassium ferrocyanide
Propylene dichloride
Pyridine
Silicone(s)
Succinic acid
Tetrahydrofuran
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane

1,1,2-Trichloro-1,2,2-Trifluoroethane
Tricresyl phosphate
Various substituted ethers
Vegetable oils
Water
Xylene(s) o, m.p. isomers)

Major Non-Hazardous Solid Waste Constituents Being Treated at The Time of The Incident

Empty packing containers
Glass
Latex/water dispersion
Paper
Plastic
Photographic Powders
Scrap copier toner

cc: W. Chandler
B. Gomperts
P. Loberg
H. Lockhart
P. Lytle/J. Mathews
D. Newfang/J. Berner
G. Smith
S. Wohlschlegel
Central File #22



John H. H. H. *Simon*

RECEIVED
RESPONSE & PREVENTION BRANCH
Jul 6 10 17 AM '93
93 JUL-6 AM 10:44
U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

June 17, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

U.S. E.P.A. REGION II
EMERGENCY & PREVENTION
RESPONSE DIVISION
93 JUN 29 PM 2:01
DIRECTOR'S OFFICE

Dear Sirs and Madam:

Subject: Hazardous Wastewater, Building 218 (B-218), Kodak Park, National Response
Center (NRC) Report # 179690, New York State Department of Environmental Conservation
(NYSDEC) Report # 9303277

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 11, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

James R. O'Connor
James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:MTN
930611
Attachment

cc: Mr. Richard Elliott, P.E., Monroe County Department of Health

93 JUN 25 PM 3:28
US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 179690
NYSDEC#: 9303277
Date: 6/11/93
Time: Approximately 2:55 p.m.

Location of Incident: Building 218 (B-218), Kodak Park.

Name of Release Contact: Mark Nicholson

Phone Number of Contact: (716) 722-4721

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Catchtank Wastewater	Approximately 50 gallons
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Catchtank
Hours:	Liquid X	
Minutes: 5 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 06/11/93 at Approx. 3:15 p.m.)
NYS Department of Environmental Conservation	Y (on 06/11/93 at Approx. 3:20 p.m.)
Monroe County Department of Health	Y (on 06/03/93 at Approx. 3:23 p.m.)
State Emergency Response Commission	Y (on 06/03/93 at Approx. 3:20 p.m.)
Local Emergency Planning Committee	Y (on 06/03/93 at Approx. 3:16 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

X Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
X Pavement	Soil

Corrective Action Taken. (Check Applicable Action):

Containment	System Shut Down
Excavation of Contaminated Media	X Absorbed and Treated On-site

Brief Description of Corrective Action Taken to Remediate Released Material:

At approximately 2:45 p.m. on June 11, 1993, operations personnel began to pump out a 3000 gallon containment system (commonly called a "catch tank") located outside on the west side of B-218. This catch tank is located beneath a tank used to blend waste solvents for liquid fuel injection and a series of pumps and typically contains rainwater with trace amounts of waste solvent. This catch tank and a second, smaller catch tank (300 gallons capacity - located immediately adjacent to the larger tank) have separate pumps but share a common transfer system that allows material from either catch tank to be pumped to the hazardous waste storage tanks. Each pump system is equipped with a check valve prior to the common transfer line to prevent backflow from one tank to the other during pumping operations. As this pumping operation began, the check-valve associated with the smaller catch tank failed, resulting in an overflow of approximately 50 gallons to the pavement surrounding the catch tanks. Absorbent was applied to the released material, it was then packaged in fiber drums and will be treated on-site.

Based on the immediate clean-up action taken, the fact that this material was released to a paved surface and that it posed no threat to human health or the environment, we recommend no further action be taken.

Mr. Constantine Sidamon-Eristoff - 3
June 17, 1993

bcc: J. Berner
W. Chandler
J. Gabriel/J. O'Connor
R. Gomperts
J. Gould
P. Loberg
H. Lockhart
P. Lytle
D. Newfang
M. Nicholson
G. Smith
S. Vaughn
Central File #702

RECEIVED

JUL 6 10 17 AM 1993

U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

Bristol Laboratories Corporation

Subsidiary of Bristol-Myers Squibb Company

RESPONSE PREVENTION BRANCH
93 JUL -6 AM 10:44

John W. Weber

muszynski
Callahan
cc: Caspe
SB Pavlon
RC

June 23, 1993

Mr. William Muszynski
Acting Regional Administrator, Region II
U.S. Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278-900

Dear Mr. Muszynski:

This is to notify you that Mr. José M. Maldonado, Acting Director of Engineering for Bristol Laboratories Corporation and Bristol Caribbean, Inc. in Mayaguez, P.R., is authorized by me to sign documents related with permit applications, monitoring reports and other related correspondence associated with these two corporations.

Cordially,

Braulio Mejía

Braulio Mejía
Acting General Manager

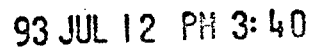
app

PP1B

93 JUN 29 PM 3:05

US EPA

Davlou



RECEIVED
 U.S. E. P. A. EMERGENCY & REMEDIAL
 RESPONSE DIVISION
 93 JUL -2 AM 8:17Z
 3 21 PM '93
 DIRECTOR'S OFFICE
 U.S. E. P. A. EMERGENCY
 REMOVAL AND PREPAREDNESS PROGRAMS

US EPA

Kodak
Official Sponsor
of the 1992
Olympic Games

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 182427
NYSDEC#: 9303821
Date: 6/24/93
Time: 12:10 p.m.

Location of Incident: Building 94, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Wastewater	Estimated 20 Gallons
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
		Distribution Chamber
Days:	Solid	
Hours:	Liquid <input checked="" type="checkbox"/>	
Minutes: 10 Minutes	Gas	

Organizations Notified, Yes/No:

Date and Time of Notification

National Response Center	Y	(on 06/24/93 at 01:10 p.m.)
NYS Department of Environmental Conservation	Y	(on 06/24/93 at 01:15 p.m.)
Monroe County Department of Health	Y	(on 06/24/93 at 01:20 p.m.)
State Emergency Response Commission	Y	(on 06/24/93 at 01:15 p.m.)
Local Emergency Planning Committee	Y	(on 06/24/93 at 01:05 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

Equipment Failure

Training Deficiencies

Operator Error

Unusual Weather Conditions

Faulty Process Design

☒ Other (Operating Procedures)

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer

Storm Sewer

Atmosphere

☒ Soil

Corrective Action Taken. (Check Applicable Action):

☒ Containment

System Shut Down

☒ Excavation of Contaminated Media

Other

Brief Description of Corrective Action Taken to Remediate Released Material:

Kings Landing Waste Water Purification Plant personnel were in the process of re-routing waste water from the main penstock to the auxiliary penstock for previously scheduled maintenance when an air bubble developed in the pipe and caused wastewater in the distribution chamber to overflow onto the soil. An estimated 20 gallons of industrial wastewater flowed over the distribution chamber wall and onto soil. The soil was immediately excavated and all free standing water was absorbed. All contaminated material was packaged and sent for treatment at the Kodak Park Chemical Waste Incinerator. The incident is being reviewed by the operating personnel and a procedure will be implemented to prevent releases of wastewater during future system changeovers.

As a result of the immediate clean-up and the relatively small amount of constituents that could possibly be present in the wastewater, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.



John Ulhøger

Fauler

USEPA-REGION II
EMERGENCY & REMEDIAL
RESPONSE DIVISION

RESPONSE & PREVENTION BRANCH

93 JUL -7 PM 4: 29

93 JUL 12 PM 3: 40

DIRECTOR'S OFFICE

June 30, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Ethylene Glycol, Building 351 (B-351), Kodak Park,
National Response Center (NRC) Report #181702, New York State Department of
Environmental Conservation (NYSDEC) Report # 9303667

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 21, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Polymer Manufacturing and Recovery Department Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993025
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

PP18

93 JUL -7 PM 3: 24

US EPA

RECEIVED
JUL 12 3 21 PM '93
U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 181702
NYSDEC#: 9303667
Date: 6/21/93
Time: 1:35 p.m.

Location of Incident: Building 351, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Ethylene Glycol Sludge	Estimated 5 Pounds
Extremely Hazardous Substance:	NO	Health Hazard: NO
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Pipe
Hours:	Liquid X	
Minutes: 10 Minutes (Estimated)	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 06/21/93 at 02:00 p.m.)
NYS Department of Environmental Conservation	Y (on 06/21/93 at 02:10 p.m.)
Monroe County Department of Health	Y (on 06/21/93 at 02:15 p.m.)
State Emergency Response Commission	Y (on 06/21/93 at 02:10 p.m.)
Local Emergency Planning Committee	Y (on 06/21/93 at 01:50 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

Equipment Failure	Training Deficiencies
X Operator Error	Unusual Weather Conditions
Faulty Process Design	Other (Drain bucket not adequately secured)

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Atmosphere	X Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	X System Shut Down
Neutralization	Monitoring
X Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

While draining a line containing ethylene glycol so that a maintenance repair could be performed, an estimated 5 pounds of ethylene glycol was released to soil when a 2 gallon bucket became dislodged, allowing material to flow to the gravel area below. The line drain valve was immediately closed and the contaminated gravel was immediately excavated and packaged in plastic lined fiber cartons. The material will be treated at the Kodak Park Chemical Waste Incinerator. A safety/environmental review of the incident was held with employees and standard operating procedures were reviewed for draining lines and securing drain buckets.

As a result of the immediate clean-up of contaminated gravel and released material, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.



John Ulshofer

Paulson

USEPA-NATIONAL
EMERGENCY & REMEDIAL
RESPONSE DIVISION

93 JUL -7 PM 4:29
RESPONSE & PREVENTION BRANCH

93 JUL 12 PM 3:40
DIRECTOR'S OFFICE

June 30, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Ethylene Glycol Sludge, Building 317 (B-317), Kodak Park,
National Response Center (NRC) Report # 181639, New York State Department of
Environmental Conservation (NYSDEC) Report # 9303652

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 21, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Polymer Manufacturing and Recovery Department Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

James R. O'Connor
James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993024
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

8/18
93 JUL -7 PM 3:24
US EPA

RECEIVED
JUL 12 3 24 PM '93
U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 181639
NYSDEC#: 9303652
Date: 6/21/93
Time: 09:45 a.m.

Location of Incident: Building 317, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
107-21-1	Ethylene Glycol	1 Gallon
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	
Hours:	Liquid <u>X</u>	
Minutes: 10 Minutes (Estimated)	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 06/21/93 at 11:05 a.m.)
NYS Department of Environmental Conservation	Y (on 06/21/93 at 11:20 a.m.)
Monroe County Department of Health	Y (on 06/21/93 at 11:24 a.m.)
State Emergency Response Commission	Y (on 06/21/93 at 11:20 a.m.)
Local Emergency Planning Committee	Y (on 06/21/93 at 10:55 a.m.)

Factors Contributing to the Release. (Check Applicable Cause):

Equipment Failure	Training Deficiencies
<input checked="" type="checkbox"/> Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Atmosphere	<input checked="" type="checkbox"/> Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	<input checked="" type="checkbox"/> System Shut Down
Neutralization	Monitoring
<input checked="" type="checkbox"/> Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

During a process of purging out an air pump of residual ethylene glycol to a collection funnel and storage system, an estimated 1 gallon of ethylene glycol overflowed the funnel collection system and impacted an area of stone beneath the system. The funnel overflowed when an operator inadvertently failed to notice that the collection funnel contained residual ethylene glycol that was not drained from a previous pump purging process. The contaminated stone was excavated and packaged in plastic lined fiber cartons and sent for treatment at the Kodak Park Chemical Waste Incinerator.

As a result of the immediate clean-up of contaminated stone and released material, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.



~~TO CUSHNET~~

Paulou

*cc: Simon
Paulou
Faculty File*

July 20, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Ash Release, Building 95 (B-95), Kodak Park, National Response Center
(NRC) Report # 186373, New York State Department of Environmental Conservation
(NYSDEC) Report # 9304715

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on July 14, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

James R. O'Connor

James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993029
Attachment

PP1B

cc: Mr. Richard Elliott, P.E., MCDH

93 JUL 26 PM 3:30

US EPA

RECEIVED
AUG 5 12 30 PM '93
U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS



Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 186373
NYSDEC#: 9304715
Date: 07/14/93
Time: 4:30 p.m.

Location of Incident: Building 95, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Multiple Hearth Incinerator	Estimated 150-200 Lbs.
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid <input checked="" type="checkbox"/> X	Ash Rolloff Container
Hours:	Liquid	
Minutes: 2 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 07/14/93 at 06:32 p.m.)
NYS Department of Environmental Conservation	Y (on 07/14/93 at 06:40 p.m.)
Monroe County Department of Health	Y (on 07/14/93 at 06:50 p.m.)
State Emergency Response Commission	Y (on 07/14/93 at 06:40 p.m.)
Local Emergency Planning Committee	Y (on 07/14/93 at 06:32 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	<input checked="" type="checkbox"/> Other (Operating Procedures)

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Atmosphere	<input checked="" type="checkbox"/> Soil

Corrective Action Taken. (Check Applicable Action):

<input checked="" type="checkbox"/> Containment	System Shut Down
<input checked="" type="checkbox"/> Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

In the process of picking up a full, covered, 20 yard rolloff container containing incinerator ash, the ash shifted to the rear of the container resulting in approximately 150-200 pounds of ash to be released to soil. The excess ash was shoveled off the ground and placed into a rolloff container. All visibly contaminated soil was placed in plastic lined fiber cartons and sent for treatment at the Kodak Park Chemical Waste Incinerator.

As a result of the immediate clean-up and the relatively small amount of hazardous waste constituents that could possibly be present in the ash, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.

bcc: W. Chandler
J. Gabriel
B. Gomperts
B. Gorton/D. Rice
P. Loberg
H. Lockhart
P. Lytle/J. Mathews
R. Rock
S. Wohlschlegel
Central File #22

Attachment I

<u>Chemical Name</u>	<u>Wastewater* Sample Concentration (ppm)</u>	<u>Total Quantity** Pounds</u>
Methylene Chloride	0.2	0.002
1,2-Dichloropropane	0.1	0.001
Pyridine	0.3	0.004
M&P-Cresol	0.1	0.001
Phenol	1.5	0.018
4-Chloro-3, 5-dimethylphenol	0.13	0.002
Copper Total	0.13	0.002
Silver Total	0.39	0.005
Iron Total	4.3	0.052
Lead Total	0.08	0.001
Nickel Total	0.04	0.001
Chromium Total	0.06	0.001
Zinc Total	0.5	0.006
Total		<u>0.10 pound</u>

* The wastewater sample was analyzed for volatile and semi-volatile organics and metals which are parameters on the SPDES discharge permit #NY-0001643

** Based on the estimated maximum of 1,200 gallons released from the auxiliary penstock pipe.



USEPA-REGIONAL
EMERGENCY & REMEDIAL
RESPONSE DIVISION

93 AUG -1 PM 3: 46

DIRECTOR'S OFFICE

Scanned
Patton
Brace 8/8/93
Facility File

July 26, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, 50% Water 50% Ethylene Glycol (Antifreeze), Parking Lot #47, Kodak Park,
National Response Center (NRC) Report #188662 and 188663, New York State Department of
Environmental Conservation (NYSDEC) Report # 9305150

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on July 26, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

James R. O'Connor
James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993033
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

PP18
93 JUL 30 PM 3: 20
US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#: 188662 and 188663
NYSDEC#: 9305150
Date: 7/26/93
Time: 8:20 a.m.

Location of Incident: Parking Lot #47, Kodak Park.

Name of Release Contact: Scott Wohlschlegel

Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	50%/Water 50% Ethylene Glycol	2 Gallons of Ethylene Glycol
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Car Radiator
Hours:	Liquid X	
Minutes: 10 Minutes (Estimated)	Gas	

Organizations Notified, Yes/No:

Date and Time of Notification

National Response Center	Y	(on 07/26/93 at 10:36 a.m.)
NYS Department of Environmental Conservation	Y	(on 07/26/93 at 10:15 a.m.)
Monroe County Department of Health	Y	(on 07/26/93 at 11:00 a.m.)
State Emergency Response Commission	Y	(on 07/26/93 at 10:45 a.m.)
Local Emergency Planning Committee	Y	(on 07/26/93 at 08:20 a.m.)

Factors Contributing to the Release. (Check Applicable Cause):

☒ Equipment Failure

Operator Error

Faulty Process Design

Training Deficiencies

Unusual Weather Conditions

Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer

Atmosphere

Water/Waterways

☒ Storm Sewer

Soil

Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment

Neutralization

Excavation of Contaminated Media

System Shut Down

Monitoring

☒ Other (Material Flushed)

Brief Description of Corrective Action Taken to Remediate Released Material:

At approximately 8:20 a.m., on July 26, 1993, the Rochester City Fire Department (RCFD) was summoned via the LEPC to respond to Parking Lot #47 for a leaking radiator on a car. An estimated 4 gallons of an estimated 50/50 mix of ethylene glycol and water (antifreeze) was released to pavement. The RCFD notified Monroe County Pure Waters (MCPW) of the released material on the pavement and was granted permission to flush the antifreeze to the storm sewer at approximately 8:35 a.m..

As a result of the large amount of water used by RCFD to dilute and flush the antifreeze, we are not aware of nor would we expect any adverse environmental impact to have resulted from this event. Therefore, we recommend no further action be taken.

Note: This incident was reported twice to the NRC. Therefore, two release numbers have been assigned.

bcc: W. Chandler
H. Lockhart
P. Lytle/J. Mathews
S. Manchester
S. Wohlschlegel
Central File #22



#1698

Simon

3/30

Facility File

March 5, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Ethylene Glycol Sludge, Building 351 (B-351), Kodak Park,
National Response Center (NRC) Report #158157, New York State Department of
Environmental Conservation (NYSDEC) Report #9212845

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on February 15, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Chemical Manufacturing and Recovery Division Management. Copies of this report are also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

James M. Iorio
Environmental Services Section
Corporate Environment

JMI:slw
1993004
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

PB18

US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#.158157
NYSDEC# 9212845
Date: 2/15/93
Time: 04:00 p.m.

Location of Incident: Building 351, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Ethylene Glycol	5-10 Pounds
Extremely Hazardous Substance:	NO	Health Hazard: NO
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Cracked Pipe
Hours:	Liquid X (Sludge)	
Minutes: 10 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 02/15/93 at 05:05 p.m.)
NYS Department of Environmental Conservation	Y (on 02/15/93 at 04:56 p.m.)
Monroe County Department of Health	Y (on 02/15/93 at 05:20 p.m.)
State Emergency Response Commission	Y (on 02/15/93 at 04:56 p.m.)
Local Emergency Planning Committee	Y (on 02/15/93 at 04:56 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

<input checked="" type="checkbox"/> Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Atmosphere	<input checked="" type="checkbox"/> Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	<input checked="" type="checkbox"/> System Shut Down
Neutralization	Monitoring
<input checked="" type="checkbox"/> Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

At approximately 4:00 p.m., ethylene glycol sludge containing ethylene glycol, dimethyl terephthalate (DMT) and oligomers of dimethyl terephthalate was noticed to be leaking from a pipe on the north east corner of the tank farm, B-351. The process was immediately shut down and clean-up of the released material was undertaken by building operations personnel. A backhoe and roll off lugger container were used to excavate and contain contaminated soil. Investigation revealed a failure in the pipe heat trace system. As a result of this failure, the DMT in the sludge froze, expanded and cracked the pipe. The pipe was replaced, pressure tested and returned to service. A new heat trace was also wrapped around the new pipe. Contaminated soil will be characterized and sent for appropriate disposal.

As a result of the immediate clean-up, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.



November 23, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, N. Y. 12226-5000

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, N.Y. 14414

Ms. Mary Louise Miesenzahl
Director, Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, N.Y. 14620

Subject: Release, Ethylene Glycol, Building 317, Kodak Park, October 30, 1992
National Response Center # 142779, New York State Department of
Environmental Conservation Report # 9208852

The attachment to this letter compromises a summary of the events leading to and follow-up of the telephone notification made to your offices on October 30, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Polymer, Manufacturing and Recovery Department Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health (MCDH).

If you have further questions concerning this event, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours

Mr. Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:MTN
9208852
Attachment
11/13/92

92 DEC 35 PM 12:01

US EPA

cc: Mr. Richard Elliott, P.E., MCDH

EASTMAN KODAK COMPANY • 343 STATE STREET • ROCHESTER, NEW YORK 14650

TO SALUTE
1/21 Facility
File
Callahan
Simon #1432
- Copy to C. Callahan (CERCLA)
- Original to D. Poyze

RECEIVED
JUN 19 8 19 AM '93
U.S. ENVIRONMENTAL
PROTECTION AGENCY
REGIONAL OFFICE
NEW YORK

DIRECTOR'S OFFICE
93 JAN 11 AM 11:16
EMERGENCY & REMEDIAL
RESPONSE DIVISION
USEPA-REGION II

INCIDENT REPORT

Date of Incident:	October 30, 1992
Location of Incident:	Building 317 (B-317), Kodak Park
NRC Report #:	142779
NYSDEC Report #:	9208852

Description of Incident:

On October 30, 1992, at approximately 8:00 p.m., a release of ethylene glycol occurred at B-317. This event occurred while transferring a hot ethylene glycol wash from a polymer manufacturing process vessel located inside B-317 into a storage tank, Tank 301, located outside B-317 (see Attachment I). It should be noted that Tank 301 is scheduled for Storage Tank Improvement Program removal in 1994.

For several weeks prior to this event, Tank 301 had been out of service for maintenance. During this time period, the tank was emptied and a secondary vent pipe, used to vent the tank during the wash discharge procedure, had been re-located on the tank. The flange utilized for the secondary vent pipe however, had a dip-tube attached. This dip-tube extended to the bottom of the tank.

The tank had a small amount of residual water resulting from the recent shutdown period. As a result, when the hot ethylene glycol entered the tank, it vaporized the residual water causing in a slight pressurization of the tank. This pressurization forced the ethylene glycol entering the tank to be forced up through the dip-tube and out the vent pipe.

It is estimated that approximately 400 gallons of ethylene glycol were released to the tankfarm and surrounding area. Of this amount, approximately 150 gallons were recovered. Tank 301 is located in an aboveground tankfarm with a compressed soil base, surrounded by crushed stone, with concrete sidewalls and is lined with a 4-inch "farmtile" (clay tile laid end-to-end without the typical bell and spigot design) piping system that is designed to drain rainwater to the industrial sewer.

Corrective Action:

Immediate upon discovery of this event all flow to Tank 301 was stopped and it was taken out of service until a Process Safety Review (PSR) could be conducted. As a result of that PSR the following actions have taken place:

- 1) The vent line was relocated to a flange on the tank that does not have a dip-tube attached.

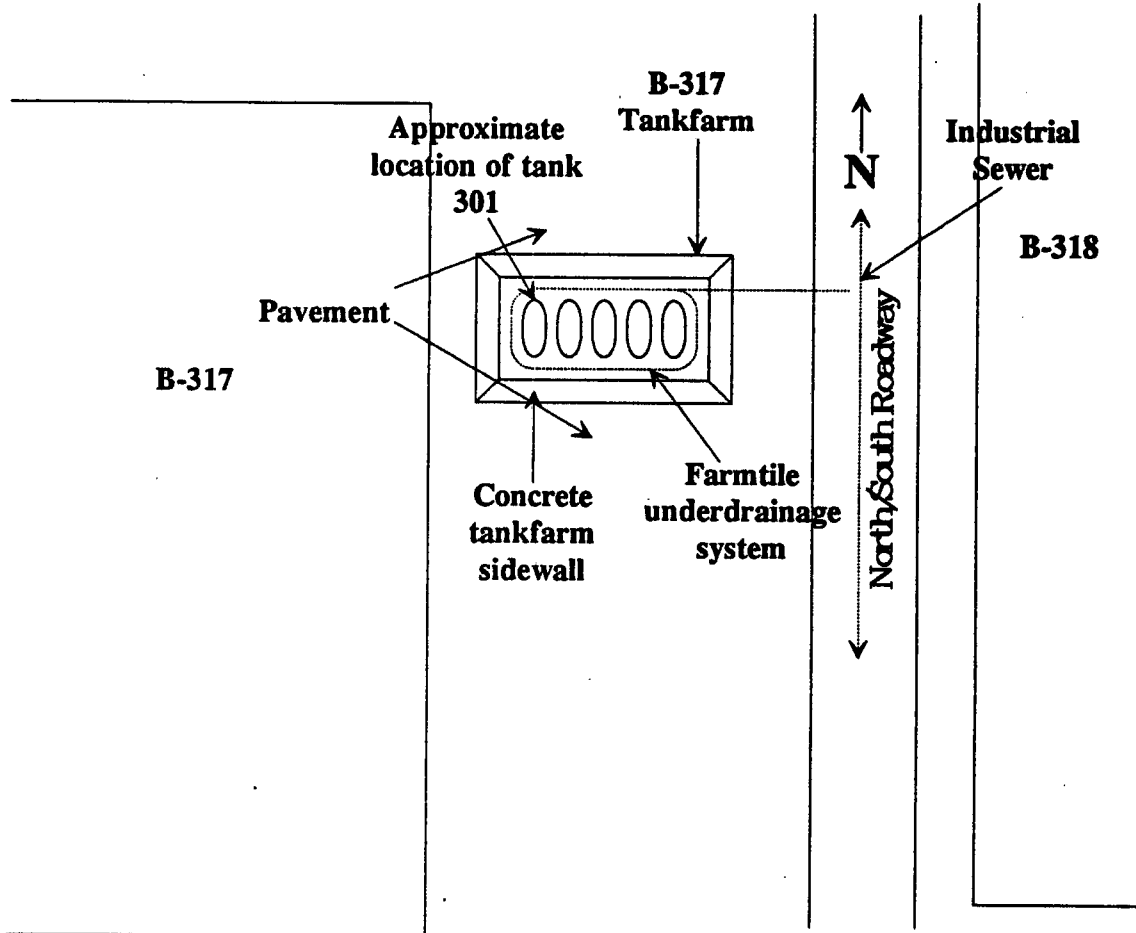
Mr. C. Sidamon-Eristoff-3
November 23, 1992

(Corrective Action Con't.)

- 2) Procedures have been updated to reflect the change in the vent piping configuration and the need to have an operator present observing the tank at the start of each wash discharge.
- 3) Procedures have been updated to reflect that Tank 301 must have approximately 2000 gallons of material prior to any wash discharge to act as a heat-sink (quench) for the hot ethylene glycol wash material.
- 4) A team consisting of operators, maintenance and technical personnel will be developed to discuss long-term alternatives to the current ethylene glycol wash process.

Based upon the quick detection of this event, the remedial actions taken at the time of occurrence and the farmtile piping system surrounding the tankfarm, environmental impact resulting from this event should be limited. It is therefore proposed that remaining impact, if any, would be best dealt with during the 1994 STIP upgrade and that no further action regarding this event be taken at this time.

Attachment I
NRC Report # 142779
NYSDEC Report # 9208852



**NOTE: This drawing is meant
to be a general graphic representation
of the area. It is not a
scale drawing.**



USEPA-REGION II
EMERGENCY & REMEDIAL
RESPONSE DIVISION

93 JAN 15 PM 3: 17

December 23, 1992

DIRECTOR'S OFFICE

#1464
Callahan

Semi

Mr. Constantine Sidamon-Eristoff
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10078

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Underground Line Compromise, Waste Activated Sludge (WAS), Kings Landing Wastewater Purification Plant (KLWPP), Building 95 (B-95), Kodak Park, November 18, 1992, New York State Department of Environmental Conservation Report # 9209592, National Response Center (NRC) Report #145321

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notification made to your offices on November 18, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

Joseph G. Gabriel
Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environmental

JGG:MTN
Attachments
9209592

818 PPD
93 JAN 12 PM 12:36

cc: Mr. Richard Elliott, P.E., MCDH

US EPA

INCIDENT REPORT

Location of Incident:	Kings Landing Wastewater Purification Plant (KLWPP), Building 95 (B-95) Kodak Park
Date of Incident:	November 18, 1992
NRC Report #:	145321
NYSDEC Report:	9209592

Description:

On Wednesday, November 18, 1992, at approximately 5:45 a.m., wastewater treatment sludge was discovered leaking from a crack in a sidewalk on the east side of B-95 at the KLWPP. Upon investigation, it was discovered that a 6-inch underground waste activated sludge (WAS) line had been compromised. This line conveys sludge generated in the biological secondary treatment plant to the sludge holding tanks. Flow through this line was immediately ceased. Construction personnel were contacted and an excavation was begun to expose the line. This action discovered a small hole in the line.

The affected portion of the line was removed and replaced with a new section. A visual analysis of the removed portion of the line revealed that the most likely cause of the line failure was external corrosion combined with stress on the line as soil in the area settled. It is estimated that a total of approximately 20 gallons of WAS impacted the soil. A sample of the WAS was obtained at the time of discovery and analyzed for total metals. The results of that analysis are summarized in Attachment I.

Corrective Action:

As stated above, flow through this line was immediately stopped and a construction crew was contacted to begin repairs/remediation. All soil removed from this area was segregated and sent off-site for treatment.

Based upon the small quantity of constituents present in the sample analysis (as shown in Attachment I) and the prompt removal/segregation of soil during the excavation, it is believed that no environmental impact resulted from this event. Therefore no further action is recommended.

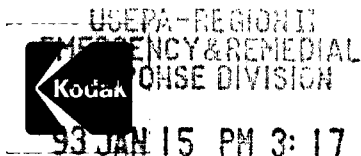
Mr. Sidamon-Eristoff-3
December 23, 1992

ATTACHMENT I

**NRC Report # 145321
NYSDEC Report # 9209592**

<u>Metal Name</u>	<u>WAS Sample Concentration (PPM)</u>	<u>Total Quantity (Pounds)*</u>
Cadmium - Total	0.2	Trace
Chromium - Total	3.5	Trace
Copper - Total	4.2	Trace
Silver - Total	42.0	0.01
Iron - Total	100.0	0.02
Lead - Total	2.6	Trace
Nickel - Total	0.7	Trace
Zinc - Total	15.0	Trace
	*Total	0.03 Pounds

* The total was calculated as the WAS concentration, in pounds, in the estimated 20 gallons released from the line.



93 JAN 15 PM 3:17

December 23, 1992

DIRECTOR'S OFFICE

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Building 94 (B-94), Sump Crock, Kings Landing Wastewater Purification Plant (KLWPP), Kodak Park, National Response Center (NRC) Report # 145009, New York State Department of Environmental Conservation (NYSDEC) Report # 9209499

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notification made to your offices on November 16, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark T. Nicholson of my staff at (716) 477-2471.

Very truly yours,

Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:MTN
1992067
MTN Nicholson
Attachment

cc: Mr. Richard Elliott, MCDH

PP1B
93 JAN 12 PM 12:36
US EPA

INCIDENT REPORT

Location:	B-94 Sump Crock, KLWPP
Date:	November 16, 1992
NRC Report #:	145009
NYSDEC Report #	9209499

Description:

On Monday, November 16, 1992 at 6:45 a.m., a high level alarm alerted operators to a problem in the sump crock. The sump crock is a system which is fed by various floor drains from KLWPP pump rooms. This system collects the sludge and water and feeds it back into the KLWPP primary treatment system via a sump pump. At the time of the alarm, KLWPP operators were backflushing a plugged line which conveys sludge from the holding tanks to a de-watering facility. The backflush mixture (approximately 75% water and 25% sludge) was drained to the sump crock via the B-94 floor drain.

Upon activation of the high level alarm, the backflushing operation was halted and the alarm was investigated. This investigation revealed that the sump pump in the crock had stopped working allowing the backflush mixture to rise to the overflow opening (the overflow opening connects to the Monroe County storm sewer system which discharges to the Genesee River). This resulted in an estimated 200 gallons of the sludge backflush mixture in the sump crock flowing into the Genesee River. The pump was immediately reset and within moments the overflow subsided and the high level alarm cleared. The cause of the pump shut down is theorized to be either debris from the backflushed line thus, interfering with the pump impeller or an overheated pump.

Corrective Action

The presence of the high-level alarm provided an early notice to the operators that problems were developing in the pump room and/or sump crock. The quick response to the alarm by operating personnel significantly reduced the amount of discharge through the overflow opening in the sump crock. An investigation is being undertaken to eliminate or redirect this overflow pipe.

Grab samples were taken at the time of the incident, at the river outfall location. The samples were analyzed for the SPDES parameters (Permit # NY 0001643). Attachment I lists the results for these samples.

Based upon the small volume of the discharge, the high proportion of water in the released material and the analytical results, it is unlikely that any adverse environmental impact occurred as a result of this incident. Therefore, no further action is recommended.

Attachment I

<u>Chemical Name</u>	<u>Wastewater Sample Concentration (ppm)</u>	<u>Total Quantity** Pounds</u>
Methylene Chloride	ND (0.05)	Trace
Chloroform	ND (0.005)	Trace
1,2-Dichloroethane	ND (0.05)	Trace
1,2-Dichloropropane	ND (0.05)	Trace
Total Xylenes	ND (0.05)	Trace
Pyridine	ND (0.05)	Trace
N,N-Dimethylaniline	ND (0.05)	Trace
4CL-3,5-Dimethylphenol	ND (0.05)	Trace
Total Aggregated (Phenolics)	ND (0.005)	Trace
Cadmium Total	0.08	Trace
Copper Total	0.90	Trace
Silver Total	7.2	0.01
Lead Total	0.51	Trace
Iron Total	49.0	0.08
Nickel Total	0.24	Trace
Chromium Total	0.65	Trace
Zinc	4.6	Trace
Total		0.09 pound

The wastewater sample was analyzed for volatile and semi-volatile organics and metals which are parameters on the SPDES discharge permit #NY-0001643.

**Calculated using the constituent concentration and release volume (estimated to be 200 gallons).



December 23, 1992

USEPA-REGION II
EMERGENCY & REMEDIAL
RESPONSE DIVISION

93 JAN 15 PM 3:17

DIRECTOR'S OFFICE

Salt Lake #14201
03/2/8 *Callahan*

Imai
Family File

Mr. Constantine Sidamon-Eristoff
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10078

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building
Albany, New York 12226-5000

Ms. Mary Loiuse Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Dimethy Terephthalate, Methanol and Ethylene Glycol, Building 351 (B-351)
Kodak Park, November 13, 1992, National Response Center (NRC) Report Number 144642
New York State Department of Environmental Conservation (NYSDEC) Report
Number 9209430

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notification made to your offices on November 13, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Chemical, Manufacturing and Recovery Division Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

Joseph G. Gabriel
Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environmental

JGG:MTN
Attachments
9209430

cc: Mr. Richard Elliott, P.E., MCDH

US EPA
JAN 12 PM 12:36

INCIDENT REPORT

Location of Incident:	West Side of Building 351 (B-351) Process Structure
Date of Incident:	November 13, 1992
NRC Report Number:	144642
NYSDEC Report Number:	9209430

Description:

On November 13, 1992, the Rochester, New York area was experiencing a high wind storm (some winds gusting in excess of 60 mph). At approximately 1:00 a.m., a ladder which was located within the process structure of the B-351 polymer manufacturing operations area was blown over. As the ladder fell, it struck and broke a 1/4-inch sample line on the discharge side of the dimethyl terephthalate (DMT) slurry pump. This resulted in the release of an estimated 500 pounds of slurry (60% DMT, 20% methanol and 20% ethylene glycol). The line was broken such that the material was being pushed in an upward direction. Due to the high winds at the time, a portion of the material released (estimated to be 10%) impacted the stone and gravel outside the concrete pad beneath the process structure.

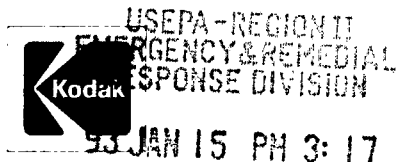
Corrective Actions:

Immediately upon discovery of the incident, the equipment was shutdown and the release ceased. The material contained within the concrete pad beneath the process structure was removed and sent to the Building 218 chemical incinerator for treatment (this is located on-site at Kodak Park). The impacted stones and gravel were excavated to a depth of approximately 8 to 12-inches and were sent for off-site disposal.

In response to this event, the sample line has been replaced with a 1/2-inch high strength line to provide added protection against breakage. The area was also inspected to determine whether other sample lines or process equipment could be impacted in a similar manner by falling objects. None were located at this time.

Due to the immediate response and remediation of the stones and gravel, we are not aware, nor would we expect any adverse environmental impact to have resulted. Therefore we recommend no further actions be taken concerning this event.

#1402



*Collection
Semin*

DIRECTOR'S OFFICE

December 30, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Chemical Waste Incinerator Emergency Stack Opening, Building 218 (B-218), Kodak Park,
National Response Center (NRC) Report # 148579, New York State Department of
Environmental Conservation (NYSDEC) Report # 9210477

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on December 10, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

Joseph G. Gabriel
Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:slw
1992069
Attachment

cc: Mr. Richard Elliott, P.E., MCDH

93 JAN 12 PM 12:36
US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC# 148579
NYSDEC# 9210477
Date: 12/10/92
Time: 10:37 p.m.

Location of Incident: Building 218, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Treated Chemical Flue Gases	Unknown
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Emergency Vent Stack
Hours:	Liquid	
Minutes: 17 minutes	Gas X	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 12/10/92 at 9:22 p.m.)
NYS Department of Environmental Conservation	Y (on 12/10/92 at 9:30 p.m.)
Monroe County Department of Health	Y (on 12/10/92 at 9:35 p.m.)
State Emergency Response Commission	Y (on 12/10/92 at 9:30 p.m.)
Local Emergency Planning Committee	Y (on 12/10/92 at 9:50 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

<input checked="" type="checkbox"/> Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
<input checked="" type="checkbox"/> Atmosphere	Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	<input checked="" type="checkbox"/> System Shut Down
Neutralization	Monitoring
Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

At approximately 10:37 p.m. the emergency vent stack opened as a result of failure of a controller card on the programmable logic controller (PLC). As a result of this failure, all waste feeds to the kiln stopped and the induced draft fans shutdown to prevent damage to the air pollution control equipment (APCE). The emergency stack automatically opened to prevent high temperatures generated in the kiln from entering the APCE. Maintenance personnel were summoned and a new controller card was installed, and tested. The unit was placed back into service at 4:20 a.m. on December 11, 1992.

The waste constituents being treated before and during the time of the opening are listed in Attachment I. Hazardous liquid waste solvents and non-hazardous solids were being treated at the time of the opening.

We believe no environmental impact to have occurred as a result of this incident. Therefore, we recommend no further action be taken.

Attachment I

Hazardous Liquid Waste Blend Being Treated at the Time of the Emergency Vent Stack Opening.

Acetic Acid
Acetone
Acetonitrile
Cyclohexane
1,1 Dimethoxyethane
Ethanol
Ethyle acetate
Ethylene dichloride
Ethylene glycol
Heptane
Hexane
Isopropanol
Isopropyl ether
Methanol
Methyl acetate
Methylene chloride
2-Methyl-1,3-dioxalane
Methyl ethyl ketone
Methyl isobutyl ketone
Propylene dichloride
Propylene glycol
Pyridine
Tetrahydrofuran
Toluene
1,1,2 Trichloroethane
Water
Xylene

Non-Hazardous Solid Waste Being Treated at the Time of the Emergency Vent Stack Opening

Clothing (Boots, Gloves and Paper Suits)
Glass
Plastics
Resins



RECEIVED

JUN 6 11 49 PM '93

U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

May 17, 1993

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

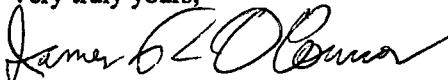
Dear Sirs and Madam:

Subject: Release, Ethylene Glycol Sludge, Building 351 (B-351), Kodak Park,
National Response Center (NRC) Report #172082, New York State Department of
Environmental Conservation (NYSDEC) Report # 9301866

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on May 7, 1993. This information is being supplied by Eastman Kodak Company, Kodak Park site and Polymer Manufacturing and Recovery Department Management. A copy of this report is also being sent to Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,


James R. O'Connor
Environmental Services Section
Corporate Environment

JRO:slw
1993013
Attachment

cc: Mr. Richard Elliott, P.E., Monroe County Department of Health

PP18
93 MAY 21 PM 2:28
US EPA

Sullivan
Bruce B/14
**FACILITY
FILE**

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#.172082
NYSDEC# 9301866
Date: 5/7/93
Time: 10:15 a.m.

Location of Incident: Building 351, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Ethylene Glycol Sludge	10 Gallons
<u>Extremely Hazardous Substance:</u>	<u>NO</u>	<u>Health Hazard: NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
		Pipe Flange
Days:	Solid	
Hours:	Liquid X (Sludge)	
Minutes: 30 Minutes (Estimated)	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 05/07/93 at 11:10 a.m.)
NYS Department of Environmental Conservation	Y (on 05/07/93 at 11:23 a.m.)
Monroe County Department of Health	Y (on 05/07/93 at 11:20 a.m.)
State Emergency Response Commission (NO ANSWER)	(on 05/07/93 at 11:15 a.m.)
Local Emergency Planning Committee	Y (on 05/07/93 at 11:25 a.m.)

Factors Contributing to the Release. (Check Applicable Cause):

X Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Atmosphere	X Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	X System Shut Down
Neutralization	Monitoring
X Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

Investigation revealed that a pipe flange gasket had deteriorated, allowing approximately 10 gallons of ethylene glycol sludge to be released to the stone area below the pipe. Processes were shut down and an immediate repair was initiated on the compromised pipe flange. The contaminated stone and sludge which contains ethylene glycol, dimethyl terephthalate (DMT) and oligomers of dimethyl terephthalate was excavated and contained in a roll off lugger. The contaminated soil will be characterized and sent for appropriate disposal.

As a result of the clean-up of contaminated stone and released material, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.

REGION 2 INCIDENT NOTIFICATION REPORT

State Case No. _____

1. EPA Case No. 094-88

2. Reported: (mm/dd/yy) <u>10-23-87</u>		3. Time: <u>1930</u>		Recorded By: <u>Grand Tawachness</u>				
4. Through NRC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		5. NRC Case No.: <u>17517</u>						
A. REPORTER	6. Reported By: <u>Mr. James Gabriel</u>							
	7. Organization Name: <u>Eastman Kodak</u>							
	8. Organization: <input checked="" type="checkbox"/> 9. responsible party <input type="checkbox"/> 10. public <input type="checkbox"/> 11. state <input type="checkbox"/> 12. local <input type="checkbox"/> 13. federal							
	14. Address: <u>2 Westcott Parkway, Ave. Rd.</u>							
	15. City: <u>Waltham, MA</u>		16. State: <u>MA</u>		17. Zip: <u>01980</u>			
18. Phone: (714) <u>477-2988</u>								
B. DIS-CHARGER	19. Responsible Party: <u>Sigma</u>							
	20. Address: _____							
	21. City: _____		22. State: _____		23. Zip: _____			
	24. Phone: () _____							
C. INCIDENT LOCATION	<input type="checkbox"/> 25. As Above in B		26. Street or Approx. Location: <u>Summit</u>					
	27. City: _____		28. County: <u>Monroe</u>		29. State: <u>NY</u>			
D. DATE 30. Spill Date: (mm/dd/yy) <u>10-23-87</u> 31. Spill Time: <u>1600</u>								
E. MATERIAL	Material: <input type="checkbox"/> Oil <input type="checkbox"/> Haz Sub <input type="checkbox"/> CEPP		UN/ DOT No	CAS No.	CHRIS Code	Quantity Spilled	Units (Circle 1)	> RQ
	32. <u>Hydrotreated Oil</u>		33.	34.	35.	36. <u>1500</u>	37. bbl. oth	
	38.		39.	40.	41.	42.	43. bbl. oth	
	44.		45.	46.	47.	48.	49. bbl. oth	
F. SOURCE	Source of Spill: <input type="checkbox"/> 50. highway <input type="checkbox"/> 51. air <input type="checkbox"/> 52. railway <input checked="" type="checkbox"/> 53. vessel <input type="checkbox"/> 54. fixed facility <input type="checkbox"/> 55. pipeline <input type="checkbox"/> 56. offshore							
	57. Vehicle ID or Carrier No.: _____ 58. Description: <u>Aluminum Drum</u>							
G. MED.	Medium Affected: <input type="checkbox"/> 59. air <input checked="" type="checkbox"/> 60. land <input checked="" type="checkbox"/> 61. water <input type="checkbox"/> 62. groundwater							
	63. Waterway Affected: <u>Monroe River</u>							
H. CAUSE	Reported Cause: <input type="checkbox"/> 64. transportation accident <input type="checkbox"/> 65. equipment failure <input type="checkbox"/> 66. operational error <input type="checkbox"/> 67. natural phenomenon <input type="checkbox"/> 68. dumping <input type="checkbox"/> 69. unknown <input type="checkbox"/> 70. other							
	71. Description: <u>over fill</u>							
I. DAMAGE	Damages: 72. no. of injuries _____ 73. no of deaths _____ 74. property damage > \$50,000 <input type="checkbox"/> yes <input type="checkbox"/> no							
	<input type="checkbox"/> 75. Evacuation 76. Response Action Taken: <u>clean up men in the area</u>							
J. ACT-IONS								
K. NOTI-FIED	Caller Has Notified: <input checked="" type="checkbox"/> 77a. state <input type="checkbox"/> 77b. local <input type="checkbox"/> 78. responsible party <input type="checkbox"/> 79. USCG <input type="checkbox"/> 80. other <input type="checkbox"/> 81. unknown							
	<input type="checkbox"/> EPA <input type="checkbox"/> NRC Agency Name _____							
L. COM-MENTS	82. Comments: <u>NY S Department will respond</u>							
	<input type="checkbox"/> Additional Information							
M. REGIONAL DATA FIELDS	Responsibility: <input checked="" type="checkbox"/> EPA <input type="checkbox"/> USCG <input type="checkbox"/> other							
	Response By: <input type="checkbox"/> responsible party <input checked="" type="checkbox"/> state <input type="checkbox"/> local <input type="checkbox"/> EPA <input type="checkbox"/> USCG <input type="checkbox"/> other							
	Agency Name: _____							
	EPA Has Notified: <input checked="" type="checkbox"/> State <input type="checkbox"/> USCG <input type="checkbox"/> RRT <input type="checkbox"/> EPA Referral							
	<input type="checkbox"/> POLREP		<input type="checkbox"/> SPCC Letter		<input checked="" type="checkbox"/> CWA 308 Spill Letter			
Regional Cause Code(s): _____			Prevention Code(s): _____					

RESPONSE



November 30, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon New York 14414

Mr. Thomas Jorling, Acting Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Industrial Wastewater, Building 96 (B-96), Kodak Park, National Response Center
(NRC) Report #1437788 New York State Department of Environmental Conservation
(NYSDEC) Report #9209187

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on November 7, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Richard Elliott, Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:slw
1992064
Attachment

cc: Mr. Richard Elliott, MCDH

USEPA-REGION II
EMERGENCY/REMEDIAL
RESPONSE DIVISION

DEC 15 AM 9:08
DIRECTOR'S OFFICE

92-101-8
DEC 8 PM 12:38
US EPA

70 Sullivan
Bruce

Bl 12/2
Callahan
Dec 10 3 26 PM '92

#1350

Facility
File

U.S. E.P.A.
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC# 143788
NYSDEC# 9209187
Date: 11/07/92
Time: 9:20 a.m.

Location of Incident: Building 96, Kings Landing Wastewater Purification Plant, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Industrial Wastewater	200 Gallons
<u>Extremely Hazardous Substance:</u> NO		<u>Health Hazard:</u> NO
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Inlet to Penstock
Hours:	Liquid X	
Minutes: 2 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 11/07/92 at 10:22 a.m.)
NYS Department of Environmental Conservation	Y (on 11/07/92 at 10:30 a.m.)
Monroe County Department of Health	Y (on 11/07/92 at 10:55 a.m.)
State Emergency Response Commission	Y (on 11/07/92 at 10:30 a.m.)
Local Emergency Planning Committee	Y (on 11/07/92 at 10:20 a.m.)

Factors Contributing to the Release. (Check Applicable Cause):

☒ Equipment Failure

☐ Training Deficiencies

Media in Which Material Was Released. (Check Applicable Media):

☐ Atmosphere

☒ Soil

☐ Water/Waterways

☐ Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

☐ Containment

☐ System Shut Down

☐ Neutralization

☐ Monitoring

☐ Excavation of Contaminated Media

☒ Other

Brief Description of Corrective Action Taken to Remediate Released Material:

While redirecting flow from a back-up plant influent system to the main influent penstock line, air became trapped in the main penstock feed line to the wastewater purification plant. As the level of wastewater in the penstock increased, air escaped from the line creating a large bubble in a concrete vault at the beginning of the main penstock inlet. This bubble effect caused approximately 200 gallons of waste water to splash out of the vault. The wastewater flowed down the vault wall and onto the steep hill side above the purification plant. No excavation of soil was undertaken due to the steepness of the hill side. Any excavation of soil in the region of the release would lead to excess soil erosion and undermine the main roadway leading to the purification plant. Ms. Michelle Husak and Mr. Kelly Cloyd of NYSDEC inspected the site and concurred with the actions taken in regard to this incident.

Operating procedures have been altered to prevent this type of incident from reoccurring when bringing the main penstock back on line. Based on the small amount of constituents that could have impacted soil in the area of the release (see Attachment I), we believe no adverse environmental impact occurred as a result of this incident. Therefore, it is recommended that no further action be taken.

Attachment I

<u>Chemical Name</u>	<u>Wastewater* Sample Concentration (ppm)</u>	<u>Total Quantity** Pounds</u>
Methylene Chloride	2.7	0.01
Acetone	25.0	0.04
Ethanol	3.5	0.01
Isobutanol	1.4	Trace
Methanol	32.0	0.10
Methyl Cellosolve	13.0	0.02
Methyl Ethyl Ketone	1.6	Trace
N-Butanol	0.8	Trace
1,4-Diethylene Dioxide	1.2	Trace
Ammonia	4.1	0.01
Cyanide Total	0.01	Trace
Copper Total	0.06	Trace
Silver Total	0.3	Trace
Lead Total	0.03	Trace
Iron Total	0.8	Trace
Nickel Total	0.03	Trace
Chromium Total	0.03	Trace
Zinc	0.5	Trace
Phenol	1.3	Trace
m and p Cresol	0.2	Trace
Total		0.19 pound

* The wastewater sample was analyzed for volatile and semi-volatile organics and metals which are parameters on the SPDES discharge permit #NY-0001643

** Calculated using the constituent concentration and release volume (200 gallons of industrial wastewater)



#1087
FD-36 K16
9/19/92
Facility
File
Sin
Callahan
Meyer
Rec'd 9/23

September 1, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Chemical Waste Incinerator Incident, Building 218 (B-218), Kodak Park,
Scrubber Wastewater Release, National Response Center (NRC)
Report #129896, New York State Department of Environmental Conservation
(NYSDEC) Report #9205014

In the letter sent to your offices on August 12, 1992, Attachment I headings were mislabeled as "Emergency Stack Opening". The Attachment I headings should have read, "Hazardous Liquid Waste Blend Being Burned at the Time of the Scrubber Wastewater Release", "Hazardous Solid Waste Being Burned at the Time of the Scrubber Wastewater Release" and "Non-Hazardous Solid Waste Being Burned at the Time of the Scrubber Wastewater Release". A revision of Attachment I is included in this letter.

92 SEP 22 PM 2:03

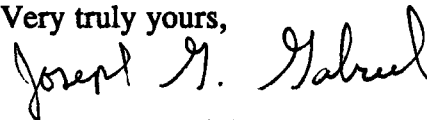
USEPA REGION II

Mr. Constantine Sidamon-Eristoff--2
September 1, 1992

This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Bruce Finster, NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

A handwritten signature in cursive script that reads "Joseph G. Gabriel".

Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:slw
1992047
Attachment

cc: Mr. Bruce Finster, NYSDEC
Mr. Richard Elliott, P.E., MCDH

Attachment I

Hazardous Liquid Waste Blend Being Burned at the Time of the Scrubber Wastewater

Release

Acetic acid
Acetone
Acetonitrile
Cyclohexane
Ethyl acetate
Ethylene dichloride
Heptane
Isopropyl alcohol
Methanol
Methylene chloride
Methyl esters
Methyl ethyl ketone
Methyl Isobutyl ketone
Pyridine
Tetrahydrofuran
Toluene
Tricresyl phosphate
Xylene

Hazardous Solid Waste Being Burned at the Time of the Scrubber Wastewater Release

Cellulose acetate
Epoxy residues
Rags (Methylene chloride)

Non-Hazardous Solid Waste Being Burned at the Time of the Scrubber Wastewater

Release

Fiberglass
Glass
Paper
Petroleum oils
Plastic
Photographic film
Vegetable oils



July 6, 1987

Ms. Margaret Chong
U.S. Environmental Protection Agency -Region 11
Emergency Response & Remedial Division
Edison, New Jersey 08837

Dear Ms. Chong:

On Sunday, May 24, 1987, approximately 9,200 gallons of a solution of 50% sodium hydroxide were discharged from a 12,000 gallon storage tank located in Shed E-13 on the south side of Building 18, Kodak Park. The discharge resulted from the failure of the mechanical seal on the sodium hydroxide transfer pump during a dead-headed pumping condition, causing the solution to be pumped through the seal. The spilled material entered a floor drain in the shed which is connected to the Kodak Park industrial sewer.

The spill was discovered on Tuesday, May 26, when the operating department returned from a three-day holiday shutdown. Material from the spill was observed in the basement of Building 18 and an investigation of the incident was initiated. Using recent engineering studies, process knowledge, and data collected from the continuous pH and flow monitors at Kings Landing Wastewater Purification Plant (KLWPP), it was determined that approximately 4000 gallons of the spilled sodium hydroxide was observed and treated at KLWPP. It is believed that the remaining volume entered the ground adjacent to B-18. Immediately upon confirmation of the release, notification was made to the National Response Center (NRC) and Monroe County Department of Health (MCDH).

Activities were initiated to locate the suspected break in the sewer lateral on Thursday, May 28. These activities were continued on Friday, May 29 when a video camera was introduced into the sewer and the break located. At that time the sewer line was repaired as a precautionary measure, until a new connection to the main industrial lateral could be completed. Installation of the new sewer lateral connection was completed on Friday, June 5.

Repairs have been made to the pump and pressure switches will be installed on the sodium hydroxide transfer line to insure that power to the pumps will be discontinued in the event of a dead-head condition. Additionally, an enhanced preventative maintenance schedule for the pump will be undertaken as well as a formal visual inspection program.

Ms. Margaret Chong--2
July 6, 1987

Two groundwater monitoring wells, designated S18S and G18S, located in the B-18 courtyard are being utilized to monitor the pH of the surrounding groundwater. The monitoring well installations for location 18S was intended to assess the hydrogeologic conditions in two distinct stratigraphic intervals: the overburden soils and the first bedrock unit, the Grimsby Sandstone.

Table I lists historical and current pH data collected from these wells. Future sampling dates have been scheduled and are also presented in Table I. Additionally, a third monitoring well will be installed prior to the next scheduled round of sampling. The general direction of flow of groundwater in this area is to the northeast. Therefore, the third well will be located to the southwest of the spill site, upgradient with regard to the direction of groundwater flow in this region. This well will be used to monitor pH conditions of the groundwater in the overburden soils in the vicinity of the spill site.

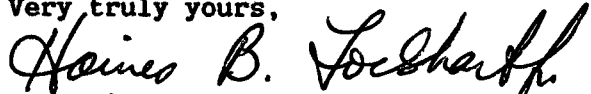
Well installation procedures and description along with boring logs and well completion drawings are described in Appendix I.

As part of the installation of the new building lateral, a manhole was installed which connects the new lateral to the existing main lateral. During the excavation for this installation, we observed no groundwater at 16 ft. below grade, southwest of the spill site. Our best engineering estimates indicate that recovery of groundwater from a pump well would meet with only limited success. Recovery rates from such a well are estimated to be in the range of 0.015 to 0.007 gallons per minute. See Attachment II for an explanation of the recovery rate estimates.

Groundwater is currently being collected in a subbasement area in B-18. It is then pumped into the industrial sewer and treated at KIWPP. This subbasement is approximately 9.5 ft. below grade and offers approximately 240 square feet of area over which groundwater may be collected. To date a total of 1125 gallons of groundwater has been collected from the subbasement and treated. The pH of the collected material is in the range of 9.4 to 9.5.

If you have any questions, please contact Kevin Churchill at (716)-477-2987.

Very truly yours,



Dr. Haines B. Lockhart, Jr., Director
Environmental Technical Services
Health and Environment Laboratories

Appendix I

The drilling and monitoring well installation program that included the installation of the two wells at location 18S was conducted by Rochester Drilling Company, with truck-mounted Mobile B56 rotary drill rigs. The drill rig including the drilling and sampling tools was steam cleaned prior to arrival on site and the drilling tools were washed between each hole with water, detergent, hexane, methanol and again with water. The split spoon samplers were washed between each sample with the same sequence of cleaning solutions. Upon completion of the drilling and well installation program, each drill rig and accompanying drilling tools were steam cleaned prior to leaving Kodak property.

A test boring was drilled at location 18S to identify subsurface conditions. The test boring was advanced with nominal 6-in. I.D. hollow-stem auger casing until the top of bedrock was encountered. Soil samples were obtained continuously below the augers using a standard split spoon sampler driven by a 140 lb. hammer falling freely for a distance of 30 inches, in accordance with ASTM D1586-67 (1974). The test boring report for well location 18S was prepared by H&A of New York.

The Grimsby Sandstone Well was completed by advancing the hollow-stem auger casing until the top of the bedrock surface was encountered. A 6-in. diameter drill hole was advanced into rock and a 4-in. diameter threaded-joint steel casing was grouted in place with a cement-bentonite grout mixture. The well was completed by advancing the NX core barrel to a depth of approximately 51 feet below ground surface. The Grimsby well was terminated before the contact with the underlying Queenston Formation was encountered.

The Overburden monitoring well was constructed by advancing the 6-in. hollow-stem auger casing to a depth of no less than 2 ft. above the top of bedrock as encountered in the bedrock well installed at the same general drilling location. A 2-in. diameter, 5 ft. long stainless steel, 10 slot (0.010 in.) wellscreen was installed in the borehole attached to a 2-in. diameter steel casing with a threaded coupling. The borehole around the wellscreen was backfilled with a No. 2 silica sand to 2 ft. above the top of the wellscreen. The auger casing was removed to this depth during the installation of the sandpack. A 2 ft. thick layer of bentonite pellets was placed on top of the sandpack and the remainder of the borehole was backfilled with a cement-bentonite grout mixture. The well was completed at ground surface with a flush-mounted protective casing.

The monitoring wells were developed by a combination of pumping and bailing a minimum of 2 hours each. The bedrock well still produced a minor amount of fine sediment at the end of the development period, which is typical for wells constructed in the Grimsby Sandstone.

TABLE I

<u>DATE</u>	<u>pH</u>	
	<u>S18S</u>	<u>G18S</u>
11/08/86	9.4	8.0
11/20/86	9.2	7.6
12/05/86	9.9	7.4
06/01/87	10.0	7.3
06/12/87	10.5	7.8
06/19/87	11.4	7.8
08/03/87	-	-
10/19/87	-	-

H & A OF NEW YORK ROCHESTER, NEW YORK			TEST BORING REPORT				BORING NO. 18-S		
PROJECT KODAK PARK -- GROUNDWATER INVESTIGATION CLIENT EASTMAN KODAK COMPANY CONTRACTOR ROCHESTER DRILLING CO., INC.						FILE NO. 7577 SHEET NO. 1 OF 2			
ITEM			CASING	DRIVE SAMPLER	CORE BARREL	DRILLING EQUIPMENT & PROCEDURES		LOCATION See Plan	
TYPE INSIDE DIAMETER (IN) HAMMER WEIGHT (LB) HAMMER FALL (IN)			Auger 6 1/8 - -	S/S 1 3/8 140 30	Nx 2 1/8 - -	RIG TYPE CME 55 BIT TYPE Tricone Button, NX DRILL MUD OTHER		ELEVATION 420.7 ft. DATUM U.S.G.S.-M.S.L. START 29 October 1986 FINISH 31 October 1986 DRILLER T. Smith H&A REP J. Talpey	
DEPTH (FT)	CASING BLOWS PER FT	SAMPLER BLOWS PER 6 IN	SAMPLE NUMBER & RECOVERY	SAMPLE DEPTH (FT)	STRATA CHANGE (FT)	VISUAL CLASSIFICATION AND REMARKS			
5		21			1.0	ASPHALT and GRAVEL -- poor recovery.			
		12							
		8							
		8							
		5	S1A	2.0-2.5	2.5	Loose black CINDER, trace ash.			
		3	S1B	2.5		-FILL-			
		4				Loose brown fine SAND, little gravel, trace silt.			
		3			4.0				
		2	S2A	4.0-4.5	4.5	SAME, wet, with brick fragments.			
		2	S2B	4.5					
10		3				Loose, greenish-brown fine SAND, trace medium gravel, with slag and occasional small pockets of brown silt, occasional rust staining.			
		3			6.0	SAME			
		5							
		3	S3		8.0	SAME, wet.			
		4							
		6	S4A	8.0	9.3	-FILL-			
		4	S4B						
		22		10.0		Loose black silty SAND.			
		8		10.0		Medium dense reddish-brown sandy GRAVEL.			
		22	S5			Medium dense dark gray silty fine SAND, some reddish brown gravel.			
15		20							
		13			12.0	SAME, with trace clay.			
		10							
		12	S6		14.0	Loose gray sandy fine GRAVEL, little clay, trace silt, wet.			
		11				Very dense SANDSTONE COBBLE, in loose brown fine sand.			
		2	S7		16.0	-LACUSTRINE-			
		3							
		61			16.0	Very dense, reddish-brown, fine sandy GRAVEL, little silt, damp.			
		38	S8		16.9	-GLACIAL TILL-			
		20			17.5	TOP OF ROCK AT 17.5 Ft. (auger refusal)			
20		100/0.4				See Core Boring Report.			
25									
30									

WATER LEVEL DATA					SAMPLE IDENTIFICATION		SUMMARY	
DATE	TIME	ELAPSED TIME (HR)	DEPTH (FT) TO:			O OPEN END ROD T THIN WALL TUBE U UNDISTURBED SAMPLE S SPLIT SPOON	OVERBURDEN (LIN FT) ROCK CORED (LIN FT) SAMPLES	17.5 33.5 8S, 6R
			BOTTOM OF CASING	BOTTOM OF HOLE	WATER			
							BORING NO. 18-S	

H & A OF NEW YORK ROCHESTER, NEW YORK		CORE BORING REPORT				BORING NO. 18-S FILE NO. 7577 SHEET NO. 2 OF 2	
DEPTH (FT.)	DRILLING RATE MIN./FT.	CORE NO. DEPTH (FT.)	RECOVERY RQD		WEATH- ERING	STRATA CHANGE (FT.)	VISUAL CLASSIFICATION AND REMARKS
			IN.	%			
							Advanced roller bit 17.5 to 18.0 ft.
		18.0					BEGAN CORING AT 18.0 FT.
20	7.3	R1 19.3	15 9	100 60	MOD		Reddish-brown, fine to medium-grained, thin to thick-bedded Sandstone. Light gray mottling and layering. Very closely to widely spaced argillaceous partings. GRIMSBY SANDSTONE Very close, vertical fractures from 23.1 to 24.0 ft., and 30.4 to 31.5 ft. Moderately weathered, soft, clayey, red-shale layers at 25.5, 27.5, 27.8, 29.0 to 29.4, 29.7, and 30.9 ft. Swirly-bedding 27.9 to 30.7 ft., 31.7 to 32.0 ft., with nodular texture in fine grained shaley portions, moderately weathered.
	6.5	R2	7 0	70 0	MOD		
		20.1 21.0					
		20.0	R3	7 0	58 0	MOD	
25	4.5						GRIMSBY SANDSTONE Moderately weathered, soft, clayey, red-shale layers at 25.5, 27.5, 27.8, 29.0 to 29.4, 29.7, and 30.9 ft. Swirly-bedding 27.9 to 30.7 ft., 31.7 to 32.0 ft., with nodular texture in fine grained shaley portions, moderately weathered.
	6.0						
	4.0						
	2.5						
30	3.5	R4	113 89	94 74	SL-MOD		GRIMSBY SANDSTONE Moderately to severely weathered, soft, thin-bedded, red-brown clayey shale 37.9 to 38.3 ft. with trace green-gray color banding. Occasional shallow cross-bedding 35.2 to 42.0 ft.
	3.0						
	2.5						
	2.5						
35	4.0						Moderately to severely weathered, soft, thin-bedded, red-brown clayey shale 37.9 to 38.3 ft. with trace green-gray color banding. Occasional shallow cross-bedding 35.2 to 42.0 ft.
	3.0						
	3.0						
	2.5						
40	2.5				SL-MOD		*RQD based on core recovered. GRIMSBY SANDSTONE Very thinly bedded, moderately weathered, red-brown shale with green color banding at 42.7 to 42.8 ft., and 43.1 to 43.6 ft.
	2.5						
	3.5	R5	123 108	103 88*	SEV		
	3.5						
45	3.0				SL-MOD		Thick bedded sandstone with laminated texture and greenish-gray to red-brown shale clasts 43.8 to 51.0 ft. cross-bedding 49.3 to 51.0 ft.
	4.0						
	3.0						
	2.5						
50	2.5				MOD		Thick bedded sandstone with laminated texture and greenish-gray to red-brown shale clasts 43.8 to 51.0 ft. cross-bedding 49.3 to 51.0 ft.
	2.5						
	3.5	R6	104 94	96 87	SL-MOD		
	3.0						
50	2.0						BOTTOM OF BORING AT 51.0 FT. See Bedrock and Overburden Observation Well Reports.
	1.50						
	1.50						
	1.50						
		51.0					

BORING NO. 18-S



H & A of New York
Consulting Geotechnical Engineers, Geologists and Hydrogeologists

OVERBURDEN OBSERVATION WELL REPORT

PROJECT: KODAK PARK - GROUNDWATER INVESTIGATION

LOCATION: KODAK PARK, ROCHESTER, NEW YORK

CLIENT: EASTMAN KODAK COMPANY

CONTRACTOR: ROCHESTER DRILLING COMPANY, INC.

DRILLER: T. SMITH H&A REPRESENTATIVE: J. TALPEY

INSTALLATION DATE 30 OCTOBER 1986

FILE NO. 7577

WELL NO. 18S-C

BORING NO. 18S

LOCATION SEE PLAN

SHEET 1 OF 1

SURVEY

DATUM U.S.G.S. - M.S.L.

GROUND

ELEVATION 420.7 ft.

~~XXXXXXXXXX~~ STICKUP ABOVE ~~XXXXXX~~
GROUND SURFACE OF CASING OR ROAD-
WAY BOX 0.0 ft.

~~XXXXXXXXXX~~ STICKUP ABOVE
GROUND SURFACE OF RISER PIPE. 0.3 ft.

THICKNESS OF SURFACE SEAL 6.9 ft.

TYPE OF SURFACE SEAL

CEMENT

[INDICATE ALL SEALS SHOWING DEPTH,
THICKNESS AND TYPE]

TYPE OF CASING

STEEL ROADWAY
BOX

INSIDE DIAMETER OF CASING

6.0 in.

~~XXXXXXXXXX~~ DEPTH OF BOTTOM OF
CASING 1.0 ft.

INSIDE DIAMETER OF RISER PIPE

2.0 in.

TYPE OF BACKFILL AROUND RISER

SAND, BENTONITE,
CEMENT

DIAMETER OF BOREHOLE

10 in. ±

TYPE OF COUPLING (THREADED,
SOLVENT WELDED, WELDED, ETC.)

THREADED

~~XXXXXXXXXX~~ DEPTH OF BOTTOM OF RISER 11.7 ft.

TYPE OF WELLSCREEN OR MANUFACTURER JOHNSON STAINLESS

SCREEN SLOT SIZE

0.01 in.

DIAMETER OF WELLSCREEN

2.5 in.

TYPE OF BACKFILL AROUND WELLSCREEN

QUARTZ SAND

~~XXXXXXXXXX~~ DEPTH OF BOTTOM OF
WELLSCREEN 16.7 ft.

~~XXXXXXXXXX~~ DEPTH OF BOTTOM OF BOREHOLE 17.0 ft.

[FIGURES REFER TO: EL. _____ DEPTH _____]

SUMMARIZE SOIL CONDITIONS (NOT TO SCALE)

ASPHALT,
CINDER,
GRAVEL,
CONCRETE
2.5 ft.

PORTLAND
CEMENT

SAND & GRAVEL
-FILL-
4.5 ft.

6.9 ft.

FINE SAND

-FILL-

BENTONITE

9.0 ft.

-9.3 ft.

LACUSTRINE

QUARTZ
SAND

15.0 ft.

GLACIAL TILL

17.0 ft.

17.0 ft.

WELL SUMMARY:

11.7 ft.
LENGTH OF RISER PIPE

+

5.0 ft.
LENGTH OF WELLSCREEN

=

16.7 ft.
TOTAL LENGTH

BEDROCK OBSERVATION WELL REPORT

PROJECT: KODAK PARK - GROUNDWATER INVESTIGATION

LOCATION: KODAK PARK, ROCHESTER, NEW YORK

CLIENT: EASTMAN KODAK COMPANY

CONTRACTOR: ROCHESTER DRILLING COMPANY, INC.

DRILLER: T. SMITH H&A REPRESENTATIVE: J. TALPEY

INSTALLATION DATE 29 OCTOBER TO 31 OCTOBER 1986

FILE NO. 7577

WELL NO. 18S-G

BORING NO. 18S

LOCATION SEE PLAN

SHEET 1 OF 1

SURVEY
DATUM U.S.G.S.-M.S.L.

GROUND
ELEVATION 420.7 ft.

~~ELEVATION~~ OR STICKUP ABOVE/BELOW
GROUND SURFACE OF CASING OR ROAD-
WAY BOX 0.0 ft

~~ELEVATION~~ OR STICKUP ABOVE/BELOW
GROUND SURFACE OF CASING 0.2 ft.

THICKNESS OF SURFACE SEAL 1.5 ft.

TYPE OF SURFACE SEAL CEMENT

[INDICATE ALL SEALS SHOWING DEPTH,
THICKNESS AND TYPE]

TYPE OF PROTECTIVE CASING STEEL ROADWAY
BOX

INSIDE DIAMETER OF PROTECTIVE CASING 6.0 in.

~~ELEVATION~~ DEPTH OF BOTTOM OF
PROTECTIVE CASING 1.0 ft.

INSIDE DIAMETER OF CASING 4.0 in.

TYPE OF BACKFILL AROUND CASING CEMENT GROUT

DIAMETER OF BOREHOLE (Overburden) 10 in. +
(Rock) 6 1/8 in

2 in. I.D. Perforated steel liner
casing 51.0 to 41.0 ft.. Blank 2 in. steel liner
casing 41.0 ft. to surface.

~~ELEVATION~~ DEPTH OF TOP OF BEDROCK 17.5 ft.

~~ELEVATION~~ DEPTH OF BOTTOM OF CASING 21.0 ft

DIAMETER OF ROCK HOLE 3.0 in

~~ELEVATION~~ DEPTH OF BOTTOM OF ROCK HOLE 51.0 ft.

[FIGURES REFER TO: EL. _____ DEPTH X]

SUMMARY OF SUBSURFACE CONDITIONS (NOT TO SCALE)

ASPHALT,
CINDER,
GRAVEL
2.5 ft.

CEMENT
1.5 ft

SAND & GRAVEL
-FILL-
4.5 ft.

FINE SAND
-FILL-
9.3 ft.

LACUSTRINE

CEMENT/
BENTONITE
GROUT

16.0 ft

GLACIAL TILL

17.5 ft.

21.0 ft

GRIMSBY
SANDSTONE

51.0 ft.

WELL SUMMARY:

21.0 ft. + 30.0 ft. = 51.0 ft.
CASING LENGTH LENGTH OF ROCK HOLE TOTAL LENGTH

APPENDIX II

June 26, 1987

Overburden monitoring well S18S

S18S -

Elevation	420.7'
GW elevation	<u>411.9'</u>
Depth to water	8.8'
Depth to top of rock	17.5'
	<u>- 8.8'</u>
	8.7' max available head
	- <u>1.0'</u> allowance for pump intake
	7.7' available head

APPENDIX II

Estimated yield from an overburden well:

Using Walton's Equation*

$$Q/s = \frac{T}{264 \log (Tt/2693 r_w^2) - 65.5}$$

Where Q/s = specific capacity, gpm/ft
b = saturated thickness, ft
T = Transmissivity, gpd/ft
t = time, minutes
 r_w = radius of a well, ft
S = Storage coefficient (confined)
specific yield (unconfined)
K = hydraulic conductivity, cm/sec

assumptions of Walton's Equation:

- 1) 100% efficiency
- 2) based on confined aquifer conditions (Theis equation)
- 3) time of pumping, $t = 10,000$ min (1 week)
- 4) Specific yield (unconfined) 0.1 (Range: 0.01 - 0.3)
- 5) Values used from well S18S:

max available head 8.7ft

$$K = 1 \times 10^{-5} \text{ cm/sec}$$

$$= 0.028 \text{ ft/day} \times 7.48$$

$$K = 0.2 \text{ gpd/ft}^2$$

$$T = Kb$$

$$T = 0.2 \text{ gpd} \times 8.7 \text{ ft}$$

$$T = 1.7 \text{ gpd/ft}$$

*Walton, W.C., 1962: Selected Analytical Methods for Well and Aquifer Evaluation, Illinois State Water Survey Bulletin 49, pp. 12-13.

$$Q/s = \frac{1.7 \text{ gpd/ft}}{264 \log \left(\frac{1.7 \text{ gpd/ft} (10,000 \text{ min})}{2693 (.25\text{ft})^2 (0.1)} \right) - 65.5}$$

$$Q/s = \frac{1.7 \text{ gpd/ft}}{727.6}$$

$$Q/s = 0.002 \text{ gpm/ft of drawdown}$$

$$\text{Available head} = 7.7 \text{ ft} \quad (\text{max avail. head} - 1 \text{ ft pump intake})$$

$$7.7 \text{ ft} \times 0.002 = \underline{\underline{0.015 \text{ gpm}}}$$

Check: Rule of thumb for unconfined aquifer: (crude estimate)

$$T = Q/s \times 1750$$

$$\frac{1.7 \text{ gpd/ft}}{1750} = Q/s$$

$$0.00097 = Q/s$$

$$0.00097 \times 7.7 \text{ ft available head} = Q$$

$$0.007 = Q$$

This result confirms the above calculation that a relatively low Q will be obtained from an overburden recovery well at this site.



RECEIVED

SEP 16 7 25 PM '92

U.S. EPA
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMSCellahan
a huge
Sam
RECEIVED
SEP 14 1992Jackson
B. B. 9/12

Faculty Rule

August 24, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Chemical Waste Incinerator Incident, Building 218 (B-218), Kodak Park,
National Response Center (NRC) Report #131222, New York State Department of
Environmental Conservation (NYSDEC) Report #9205310

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on August 11, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Bruce Finster, NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:slw
1992043
SWohlschlegel
Attachment

AIR & WASTE
MGT. DIV.

cc: Mr. Richard Elliott, P.E., MCDH

92 SEP 11 PM 3:59
USEPA, REGION IIPP18
92 SEP 11 PM 2:18
US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#.131222
NYSDEC# 9205310
Date: 8/11/92
Time: 06:37 a.m.

Location of Incident: Building 218, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Scrubber Water	50 Gallons Total Released
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Leaking Valve
Hours:	Liquid X	
Minutes: 10 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 08/11/92 at 07:50 a.m.)
NYS Department of Environmental Conservation	Y (on 08/11/92 at 07:55 a.m.)
Monroe County Department of Health	Y (on 08/11/92 at 08:05 a.m.)
State Emergency Response Commission	Y (on 08/11/92 at 07:55 a.m.)
Local Emergency Planning Committee	Y (on 08/11/92 at 08:30 a.m.)

Factors Contributing to the Release. (Check Applicable Cause):

<input checked="" type="checkbox"/> Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

<input checked="" type="checkbox"/> Industrial Sewer	Storm Sewer
Atmosphere	<input checked="" type="checkbox"/> Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	<input checked="" type="checkbox"/> System Shut Down
Neutralization	Monitoring
<input checked="" type="checkbox"/> Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

At approximately 6:37 a.m. recycled scrubber water was noticed leaking from a hole in a valve body on a pipe connected to the Air Pollution Control Equipment (APCE). Approximately 50 gallons of water flowed to a gravel area. The waste constituents being burned at the time of the leak are listed in attachment I. The incinerator was cooled so the recycle water system could be shut down and the valve repaired. Visibly contaminated stones and soil were excavated, packaged and sent for treatment at the B-218 Chemical Waste Incinerator, Kodak Park. The valve was repaired and the system brought back into service.

As a result of the immediate clean-up and the relatively small amount of constituents present in the scrubber water, we believe no adverse environmental impact occurred as a result of this incident. Therefore, no further action is recommended.

Attachment I

Hazardous Liquid Waste Blend Being Burned at The Time of The Recycle Water Release

Chlorobenzene
Methanol
Methylene Chloride
Water/Sodium Chloride

Hazardous Solid Waste Being Burned at The Time of The Recycle Water Release

None

Non-Hazardous Solid Waste Being Burned at The Time of The Recycle Water Release

None



FD SAATCHI
B. mel

Superfund

#1008 *8/10/92*
**Facility
FILE**
Simone
Bellera

August 12, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Chemical Waste Incinerator Incident, Building 218 (B-218), Kodak Park,
National Response Center (NRC) Report #129896, New York State Department of
Environmental Conservation (NYSDEC) Report #9205014

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on July 31, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Bruce Finster, NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

Joseph G. Gabriel
Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:slw
1992042
Attachment

cc: Mr. Bruce Finster, NYSDEC
Mr. Richard Elliott, P.E., MCDH

US EPA
USEPA REGION II
92 AUG 25 PM 1:02 92 AUG 26 AM 8:35
PPIB
AIR & WASTE
MGT. DIV.

EPA-REGION II
OFFICE OF EMERGENCY &
REMEDIAL RESPONSE
92 AUG 31 PM 3:08
DIRECTOR'S OFFICE

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#.129896
NYSDEC# 9205014
Date: 7/31/92
Time: 03:51 p.m.

Location of Incident: Building 218, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Scrubber Wastewater	100 Gallons Total Released
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Leaking Valve
Hours:	Liquid X	
Minutes: 10 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 07/31/92 at 04:20 p.m.)
NYS Department of Environmental Conservation	Y (on 07/31/92 at 04:32 p.m.)
Monroe County Department of Health	Y (on 07/31/92 at 04:25 p.m.)
State Emergency Response Commission	Y (on 07/31/92 at 04:32 p.m.)
Local Emergency Planning Committee	Y (on 07/31/92 at 04:10 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

<input checked="" type="checkbox"/> Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

<input checked="" type="checkbox"/> Industrial Sewer	Storm Sewer
Atmosphere	<input checked="" type="checkbox"/> Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	<input checked="" type="checkbox"/> System Shut Down
Neutralization	Monitoring
Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

At approximately 3:51 p.m., recycled water was noticed leaking from a hole in a valve body on a pipe connected the Air Pollution Control Equipment (APCE). Approximately 100 gallons of wastewater flowed to a stoned area and partially into the industrial sewer. The recycled water is used in the scrubbing operation and can carry various hazardous waste. The waste constituents being burned before and during the time of the leak are listed in attachment I. The incinerator was cooled down so the recycle water could be shut down and the valve repaired. Visibly contaminated stones and soil were excavated, packaged and sent for treatment at the B-218 Chemical Waste Incinerator, Kodak Park. The valve was repaired and the system brought back into service.

As a result of the immediate clean-up and the relatively small amount of constituents present in the wastewater, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.

Attachment I

Hazardous Liquid Waste Blend Being Burned at The Time of The Emergency Stack Opening

Acetic acid
Acetone
Acetonitrile
Cyclohexane
Ethyl acetate
Ethylene dichloride
Heptane
Isopropyl alcohol
Methanol
Methylene chloride
Methyl esters
Methyl ethyl ketone
Methyl Isobutyl ketone
Pyridine
Tetrahydrofuran
Toluene
Tricresyl phosphate
Xylene

Hazardous Solid Waste Being Burned at The Time of The Emergency Stack Opening

Cellulose acetate
Epoxy residues
Rags (Methylene chloride)

Non-Hazardous Solid Waste Being Burned at The Time of The Emergency Stack Opening

Fiberglass
Glass
Paper
Petroleum oils
Plastic
Photographic film
Vegetable oils



FOSALH

#897

Bruce

Callahan
Samson

July 17, 1992

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Chemical Waste Incinerator Incident, Building 218 (B-218), Kodak Park,
National Response Center (NRC) Report # 124095, New York State Department of
Environmental Conservation (NYSDEC) Report #9203672

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 29, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Bruce Finster, NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

Joseph G. Gabriel

Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:slw
1992030
Attachment

cc: Mr. Bruce Finster, NYSDEC
Mr. Richard Elliott, P.E., MCDH

92 JUL 31 PM 4:06

US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC# 124095
NYSDEC# 9203672
Date: 6/29/92
Time: 11:00 a.m.

Location of Incident: Building 218, Kodak Park.

Name of Release Contact: Scott Wohlschlegel

Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Treated Chemical Flue Gases	Unknown
Extremely Hazardous Substance:	NO	Health Hazard: NO
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Emergency Vent Stack
Hours:	Liquid	
Minutes: 17 minutes	Gas X	

Organizations Notified, Yes/No:

Date and Time of Notification

National Response Center	Y	(on 06/29/92 at 11:12 a.m.)
NYS Department of Environmental Conservation	Y	(on 06/29/92 at 11:25 a.m.)
Monroe County Department of Health	Y	(on 06/29/92 at 11:35 a.m.)
State Emergency Response Commission	Y	(on 06/26/92 at 11:25 a.m.)
Local Emergency Planning Committee	Y	(on 06/26/92 at 11:17 a.m.)

Factors Contributing to the Release. (Check Applicable Cause):

Equipment Failure	Training Deficiencies
X Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
X Atmosphere	Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	X System Shut Down
Neutralization	Monitoring
Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

At approximately 11:00 a.m. the emergency vent stack opened as a result of an electrical fault. An instrument mechanic was adjusting electrical equipment at the time the incident occurred. An electrical fault occurred during the adjustment procedure causing the incinerator to shut down. To prevent damage of air pollution control equipment, (APCE) the emergency stack opened to prevent high temperatures generated in the kiln from entering the APCE.

The waste constituents being treated before and during the time of the opening are listed in Attachment I. Only hazardous liquid waste solvents were being treated at the time of the opening.

As a result of this incident, maintenance procedures have been reviewed. We believe no environmental impact to have occurred as a result of this incident. Therefore, we recommend no further action be taken.

Attachment I

Hazardous Liquid Waste Blend Being Treated at the Time of the Emergency Vent Stack Opening.

Acetic Acid
Acetone
Acetonitrile
Butanol
Butyl carbitol acetate
Cyclohexane
1,1 Dimethoxyethane
Disolved tars
Dowanol PM
Ethanol
Ethylene dichloride
Foamkill 652
Heptane
Hexane
Isoheptane
Isopropanol
Isopropyl acetate
Isopropyl ether
Methanol
Methyl acetate
Methylene chloride
2-Methyl-1,3-dioxalane
Methyl ethyl ketone
Methyl isobutyl ketone
N-Propyl Acetate
Propylene dichloride
Pyridine
Tetrahydrofuran
Toluene
1,1,2 Trichloroethane
Water
Xylene

No Hazardous or Non-Hazardous Solid Waste Packs Were Being Treated at the Time of the Emergency Vent Stack Opening



#897 (2nd copy)
Callahan
~~Callahan~~

July 17, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

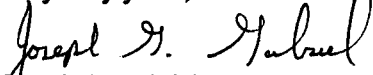
Dear Sirs and Madam:

Subject: Chemical Waste Incinerator Incident, Building 218 (B-218), Kodak Park,
National Response Center (NRC) Report # 123825, New York State Department of
Environmental Conservation (NYSDEC) Report #9203628

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 26, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Bruce Finster, NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,


Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:slw
1992029
Attachment

cc: Mr. Bruce Finster, NYSDEC
Mr. Richard Elliott, P.E., MCDH

92 JUL 31 PM 4:06

US EPA

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#.123825
NYSDEC# 9203628
Date: 6/26/92
Time: 4:50 p.m.

Location of Incident: Building 218, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Treated Chemical Flue Gases	Unknown
Extremely Hazardous Substance: <u>NO</u>		Health Hazard: <u>NO</u>
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Emergency Vent Stack
Hours:	Liquid	
Minutes: 15 minutes	Gas <u>X</u>	

Organizations Notified, Yes/No:

Date and Time of Notification

National Response Center	Y	(on 06/26/92 at 06:00 p.m.)
NYS Department of Environmental Conservation	Y	(on 06/26/92 at 06:30 p.m.)
Monroe County Department of Health	Y	(on 06/26/92 at 06:35 p.m.)
State Emergency Response Commission	Y	(on 06/26/92 at 06:30 p.m.)
Local Emergency Planning Committee	Y	(on 06/26/92 at 06:40 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

Equipment Failure	Training Deficiencies
<u>X</u> Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
<u>X</u> Atmosphere	Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	<u>X</u> System Shut Down
Neutralization	Monitoring
Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

At approximately 4:50 p.m., the emergency vent stack opened as a result of an operator accidentally pressing an emergency shut down button. To prevent damage of air pollution control equipment, (APCE) the emergency stack opened to prevent high temperatures generated in the kiln from entering the APCE.

The waste constituents being treated before and during the time of the opening are listed in Attachment I. Only hazardous liquid waste solvents were being treated at the time of the opening.

Operating procedures have been reviewed in regard to this event. We believe no environmental impact to have occurred as a result of this incident. Therefore, we recommend no further action be taken.

Attachment I

Hazardous Liquid Waste Blend Being Treated at the Time of the Emergency Vent Stack Opening.

Acetic Acid
Acetone
Acetonitrile
Butanol
Butyl carbitol acetate
Cyclohexane
1,1 Dimethoxyethane
Ethanol
Ethylene dichloride
Heptane
Hexane
Isoheptane
Isopropanol
Isopropyl ether
Methanol
Methyl acetate
Methylene chloride
2-Methyl-1,3-dioxalane
Methyl ethyl ketone
Methyl isobutyl ketone
Propylene dichloride
Pyridine
Tetrahydrofuran
Toluene
1,1,2 Trichloroethane
Water
Xylene

Non-Hazardous Solid Waste Packs Being Treated at the Time of the Emergency Vent Stack Opening

Filters



SALHCH

#774

Callahan
Simon

June 25, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Thomas Marriott, P.E.
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Chemical Waste Incinerator Incident, Building 218 (B-218), Kodak Park,
National Response Center (NRC) Report #122785, New York State Department of
Environmental Conservation (NYSDEC) Report #9203371

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on June 20, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management. Copies of this report are also being sent to Mr. Bruce Finster, NYSDEC and Mr. Richard Elliott, P.E., Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

Joseph G. Gabriel

Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:slw
1992025
Attachment

cc: Mr. Bruce Finster, NYSDEC
Mr. Richard Elliott, P.E., MCDH

ENVIRONMENTAL PROTECTION
AGENCY JUL 9 AM 11:01
RECEIVED
ROCHESTER, N.Y.

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#..122785
NYSDEC# 9203371
Date: 6/20/92
Time: 10:20 a.m.

Location of Incident: Building 218, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u>	<u>Material (s) Released</u>	<u>Quantity Released</u>
	Scrubber Wastewater	30 Gallons Total Released
Extremely Hazardous Substance:	NO	Health Hazard: NO
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Leaking Valve
Hours:	Liquid X	
Minutes: 20 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 06/20/92 at 11:45 a.m.)
NYS Department of Environmental Conservation	Y (on 06/20/92 at 11:55 a.m.)
Monroe County Department of Health	Y (on 06/20/92 at 12:00 a.m.)
State Emergency Response Commission	Y (on 06/20/92 at 11:55 a.m.)
Local Emergency Planning Committee	Y (on 06/20/92 at 11:50 a.m.)

Factors Contributing to the Release. (Check Applicable Cause):

<input checked="" type="checkbox"/> Equipment Failure	Training Deficiencies
Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

<input checked="" type="checkbox"/> Industrial Sewer	Storm Sewer
Atmosphere	<input checked="" type="checkbox"/> Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	<input checked="" type="checkbox"/> System Shut Down
Neutralization	Monitoring
Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

At approximately 10:25 a.m., recycled water was noticed leaking from a hole in a valve body on a pipe connecting to the Air Pollution Control Equipment (APCE). Approximately 10 gallons of wastewater flowed to a stoned area and 20 gallons flowed into the industrial sewer. The recycled water is used in the scrubbing operation and can carry various hazardous waste. The waste constituents being burned before and during the time of the leak are listed in attachment I. The incinerator was cooled down so the recycle water could be shut down and the valve repaired. Visibly contaminated stones and soil were excavated, packaged and sent for treatment at the B-218 Chemical Waste Incinerator, Kodak Park. The valve was repaired and the system brought back into service.

As a result of the immediate clean-up and the relatively small amount of constituents present in the wastewater, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.

Attachment I

Hazardous Liquid Waste Blend Being Treated 1 Hour Before and During The Valve Leak on the Recycle Water System.

Acetic Acid
Acetone
Acetonitrile
Butanol
Butyl carbitol acetate
Cyclohexane
1,1 Dimethoxyethane
Ethanol
Ethyl acetate
Ethylene dichloride
Heptane
Hexane
Isoheptane
Isopropanol
Isopropyl ether
Methanol
Methyl acetate
Methylene chloride
2-Methyl-1,3-dioxalane
Methyl ethyl ketone
Propylene dichloride
Pyridine
Tetrahydrofuran
Toluene
1,1,2 Trichloroethane
Water
Xylene

Samples of Constituents present in Non-Hazardous Solid Waste Packs Treated One Hour Before and During The Valve Leak on the Recycle Water System.

Cloth
Fiberglass
Filters
Gelatin
Broken glass
Oil
Mops

Samples of Constituents present in Non-Hazardous Solid Waste Packs Treated One Hour Before and During The Valve Leak on the Recycle Water System

Paper
Polyethylene bags and bottles
Plastic
Rubber

Miscellaneous Non-Hazardous solid waste was the only solid waste packs being treated one hour before and during the valve leak on the recycle water system. No Hazardous waste packs were being treated in this time period.



September 9, 1991

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. Bruce Finster
New York State Department of
Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Dear Sirs:

Subject: Release, Industrial Sewer Wastewater, Building 96, (B-96)
Kodak Park, July 22, 1991, New York State Department of
Environmental Conservation (NYSDEC) Report #9104359, National
Response Center (NRC) Report #80314

The attachment to this letter comprises a summary of the events leading to and follow up of the telephone notification made to your offices on July 22, 1991. This information is provided by Eastman Kodak Company, Kodak Park site, Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC, and Mr. Richard Elliott, Monroe County Department of Health.

If you have any further questions regarding this incident, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

Bruce H. Klanderman, Ph.D., Director
Environmental Technical Services
Health and Environment Laboratories

BHK/MTN:lmb
1813H

Attachment

cc: Mr. Richard Elliott, MCDH
Mr. Thomas Marriott, P.E., NYSDEC

Facility File
CASPE
B SPRAGUE
ERRD-RP

REMOVAL OF HAZARDOUS
PREPARED FOR PROGRAMS

INCIDENT REPORT

Location: Building 96 (B-96), King's Landing
Wastewater Purification Plant (KLWPP)

Date of Incident: July 22, 1991

NRC Report #: 80314

NYSDEC Report #: 9104359

Description:

On Monday, July 22, 1991, at approximately 4:20 a.m., (KLWPP) experienced a mechanical malfunction of a 36-inch knife valve on the line conveying the plants wastewater influent to the distribution chamber for the primary clarifiers. The automatic controller for the valve failed, causing the valve to radically open and close. It then re-opened and stuck in the open position. This caused excessive flow into the distribution chamber thereby causing the overflow. The original estimate of the amount released was approximately 150 gallons. Upon re-calculation of the influent flow and duration, it is estimated that approximately 1500 gallons were released. Of that amount, approximately 150 gallons impacted the soil in three unpaved areas around the distribution chamber. The remainder of the release (1350 gallons) flowed over pavement and back into the primary treatment system. A sample of the influent wastewater was collected and analyzed for volatile and semi-volatile organics and metals which are parameters on the SPDES discharge permit #NY-0001643. The analytical results of this sample are summarized in Attachment I. Based on this information, it is estimated that 0.05 pound of these constituents impacted the soil.

Corrective Action:

Immediately after discovering the release, the influent to the treatment plant was diverted to a storm tank and the valve was isolated. Later an auxiliary system was utilized to allow the flow into the treatment plant and bypass the distribution chamber. Water from the impacted areas was pumped back into the treatment facility. The impacted soil was removed and placed in plastic lined fiber drums for treatment at the B-218 Chemical Incinerator. Maintenance personnel removed, rebuilt, calibrated, and reinstalled the valve, controller, linkage and positioner.

This system was then tested and determined to be mechanically sound. Although extreme hydraulic pressures were created from the rapid opening and closing of the valve, no structural damage to the distribution chamber or valve was apparent when repairs were executed.

Based on the small quantity of constituents released to the soil (0.05 lbs) and the immediate remedial activities that took place; we are not aware nor do we expect any adverse environmental impact to have resulted from this release. Therefore, we recommend no further action to be taken.

ATTACHMENT I

NRC Report #80314
NYSDEC Report #9104359

<u>Chemical</u>	<u>Wastewater Sample Concentration (ppm)</u>	<u>Total Quantity (lbs)</u> 150 gal. <u>spill</u>
Methylene Chloride	0.33	0.0004
1,2-Dichloroethane	0.11	0.0001
1,2-Dichloropropane	0.13	0.0002
Total Xylenes	0.16	0.0002
Copper - Total	0.16	0.0002
Silver - Total	0.78	0.001
Iron - Total	1.90	0.002
Lead - Total	0.07	0.0001
Nickel - Total	0.02	0.0003
Chromium - Total	0.07	0.0001
Zinc - Total	0.63	0.001
Total Aggregate, Phenols	3200	0.04
N,N-Dimethylaniline	15.0	0.00002
4-Chloro-3,5-dimethylphenol	0.022	<u>0.00003</u>
TOTAL		0.051bs

Cadmium, chloroform and pyridine were either not detected or present in quantities below detection limits.

1813H:4



CASPE

September 9, 1991

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. Bruce Finster
New York State Department of
Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Dear Sirs:

Subject: Release, Industrial Sewer Wastewater, Building 96, (B-96)
Kodak Park, July 22, 1991, New York State Department of
Environmental Conservation (NYSDEC) Report #9104291, National
Response Center (NRC) Report #80337

The attachment to this letter comprises a summary of the events leading to and follow up of the telephone notification made to your offices on July 22, 1991. This information is provided by Eastman Kodak Company, Kodak Park site, Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC, and Mr. Richard Elliott, Monroe County Department of Health.

If you have any further questions regarding this incident, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

Bruce H. Klanderman, Ph.D., Director
Environmental Technical Services
Health and Environment Laboratories

BHK/SLW:lmb
1811H

Attachment

cc: Mr. Richard Elliott, MCDH
Mr. Thomas Marriott, P.E., NYSDEC

INCIDENT REPORT

Location: Building 96 (B-96), King's Landing
Wastewater Purification Plant (KLWPP)

Date of Incident: July 22, 1991

NRC Report #: 80337

NYSDEC Report #: 9104291

Description:

On Monday, July 22, 1991, at approximately 9:00 a.m., industrial sewer wastewater was discovered to be leaking to the soil on the east side of B-96, at the KLWPP. At the time this incident occurred, a portion of the industrial wastewater influent was being diverted to a storm tank, per standard operating procedures, for the purpose of managing hydraulic loads entering KLWPP. This was being accomplished by raising the influent level in B-96 to a higher than normal operating level in order to allow some of the influent to overflow into the bar screen overflow pit that feeds the storm tank. Flow began being directed to the storm tank at approximately 7:30 a.m. At approximately 9:00 a.m. KLWPP maintenance personnel discovered the leak. The flow into the storm tank was immediately stopped and the release ceased.

The total volume of the leak is estimated to be 900 gallons. This is based on an observed flow of approximately 10 gallons per minute. The entire duration of time that the storm tank was being utilized was approximately 90 minutes. A sample of the influent wastewater was collected and analyzed for the volatile and semi-volatile organics and metals which are parameters on SPDES discharge permit #NY-0001643. The analytical results of the sample are summarized in Attachment I. Based on this information, it is estimated that approximately 0.26 pounds of constituents entered the soil.

Corrective Action:

Initially it was assumed that an Octacrete® seal recently installed between a 20-inch High Density Polyethylene (HDPE) line and a 24-inch vitrified tile pipe for the bar screen overflow pit was faulty or incomplete. After a visual inspection of this seal was conducted and found to be intact, a complete visual inspection of the wastewater conveyance system in B-96 was undertaken.

As a result of this visual inspection, a 4-inch drain line that services a bubbler tube pit for the bar screens was discovered to be the source of the release. Normally, during high level conditions in B-96, wastewater would flow out of the bubbler tubes, into the pit, and through the 4-inch drain line to the storm tank. Although the drain line inside of the building was found to be intact, the portion of line that travels outside of the building to the storm tank was found to be plugged. This caused the wastewater to leak from a joint in the pipe just outside the east wall of B-96. The drain has been eliminated, and any possible flow to this area during future diversion operations will therefore be directed back into the treatment process.

Mr. Gary Marsh and Mr. Stuart Thomas, NYSDEC, were present during portions of this ongoing investigation and have been apprised of the results.

It is important to note that B-96 is located at the top of a hill and the east side of this building is on the extreme edge of a steep incline. Because the release occurred on the side of this hill, Construction and Engineering Division personnel recommended that no excavation of effected soil be undertaken. This recommendation is based on the potential for any excavation to undermine the integrity of the main roadway leading down the hill, the structural foundation of B-96 and the safety of the personnel who would perform this action.

Based upon the small amount of constituents (0.26lbs.) entering the soil, we do not expect, nor are we aware of any adverse environmental impact to have occurred as a result of this release. Therefore, we recommend no further action be taken at this time.

ATTACHMENT I

NRC Report #80337
NYSDEC Report #9104291

<u>Chemical</u>	<u>Wastewater Sample Concentration (ppm)</u>	<u>Total Quantity (lbs)</u>
Methylene Chloride	0.24	0.002
1,2-Dichloropropane	0.91	0.0007
Copper - Total	0.09	0.0007
Silver - Total	0.31	0.002
Iron - Total	0.77	0.006
Lead - Total	0.08	0.0006
Nickel - Total	0.04	0.0003
Chromium - Total	0.12	0.0009
Zinc - Total	0.42	0.003
Total Aggregate, Phenols	3200	0.024
4-Chloro-3,5-dimethylphenol	0.036	<u>0.0003</u>

TOTAL.....0.261 lbs.

Cadmium, chloroform, 1,2,-dichloroethane, N,N-dimethylaniline, pyridene and total xylenes were not detected or present in quantities below detectable limit.



CASPE

September 10, 1991

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. Bruce Finster
New York State Department of
Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Dear Sirs:

Subject: Release, Industrial Sewer Wastewater, Building 96, (B-96)
Kodak Park, July 26, 1991, New York State Department of
Environmental Conservation (NYSDEC) Report #9104508, National
Response Center (NRC) Report #81104

The attachment to this letter comprises a summary of the events leading to and follow up of the telephone notification made to your offices on July 26, 1991. This information is provided by Eastman Kodak Company, Kodak Park site, Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC, and Mr. Richard Elliott, Monroe County Department of Health.

If you have any further questions regarding this incident, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

Bruce H. Klanderman, Ph.D., Director
Environmental Technical Services
Health and Environment Laboratories

BHK/MTN:1mb
1814H

Attachment

cc: Mr. Richard Elliott, MCDH
Mr. Thomas Marriott, P.E., NYSDEC

INCIDENT REPORT

Location: Building 96 (B-96), King's Landing
Wastewater Purification Plant (KLWPP)

Date of Incident: July 26, 1991

NRC Report #: 81104

NYSDEC Report #: 9104508

Description:

On Friday, July 26, 1991, at approximately 10:00 a.m., KLWPP personnel, with Mr. Gary Marsh, NYSDEC in attendance, began directing a portion of the influent flow from the auxiliary penstock system through B-96 (the headworks for the treatment plant), the main penstock and the 36-inch knife valve (just outside the distribution chamber) in an attempt to source a leak discovered outside B-96 (see NRC Report #80337, NYSDEC Report #9104291). Per standard operating procedures, the 36-inch knife valve was closed to stop flow into the distribution chamber, backing up flow in the main penstock and elevating the level within B-96. The hydraulic force of the water pushing on the closed valve, pipe and wall, which were apparently weakened from the rapid changes in water pressure earlier in the week (see NRC Report #80314 and NYSDEC #9104359), caused the valve and pipe to shift while the system was being charged. This resulted in a loosening of an acid brick lining on the inside of the distribution chamber wall and damage to the valve. This resulted in a release of an estimated 300 gallons of industrial wastewater entering the soil within the pit. Historically, industrial sewer wastewater is 99+% water.

Corrective Action:

Immediately upon discovery of the failure, the influent wastewater was fully diverted back to the auxiliary system and the main system was taken out of service. The impacted soil was excavated and the distribution chamber was drained into the treatment plant. The 36-inch knife valve was disassembled and the associated inlet pipe removed. The loosened acid bricks were removed from the wall and the inlet for this pipe to the distribution chamber was sealed until a new valve could be engineered, purchased and installed. Because no structural damage was found to the concrete wall, the main penstock and distribution chamber were determined to be operational. They were therefore placed back into service via a 48-inch line running beneath the 36-inch knife valve and its associated piping.

Mr.C.Sidamon-Eristoff--3
Mr.B.Finster
September 10, 1991

Mr. Gary Marsh, NYSDEC has been appraised of these events, and was on site at the time of the valve failure. Mr. Marsh, along with Mr. Stuart Thomas, NYSDEC, have been given technical updates as to the causes and actions taken on these equipment malfunctions. They concurred with all actions taken during this event. The inlet for this pipe into the distribution chamber will remain sealed until a new valve is obtained. Further, the valve will be installed within the distribution chamber itself, thus decreasing the possibility of impacting the environment, should a similar event occur.

Based on the fact that historical data indicate that the wastewater influent is 99+% water and the immediate remediation effort that took place, we do not expect nor are we aware of any adverse environmental impact to have occurred as a result of this event. Therefore, we recommend no further action be taken.

TO SALTIN Bruce



Simon Callahan

January 13, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, N.Y. 10278

Mr. Bruce Finster
New York State Department of
Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Dear Sirs:

Subject: Release, Industrial Sewer Wastewater, Building 95, (B-95)
Kodak Park, November 19, 1991, New York State Department of
Environmental Conservation (NYSDEC) Report #9107385, National
Response Center (NRC) Report #91585

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notification made to your offices on October 9, 1991. This information is provided by Eastman Kodak Company, Kodak Park site, Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC, Kodak Projects Manager and Mr. Richard Elliott, Monroe County Department of Health.

If you have any further questions regarding this incident, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

Haines B. Lockhart, Jr.

Haines B. Lockhart, Jr., Ph.D.
Corporate Environmental Director

HBL/slw
SWohlischlegel
1864H

Attachment

cc: Mr. Thomas Marriott, P.E., NYSDEC
Mr. Richard Elliott, MCDH

EASTMAN KODAK COMPANY • 343 STATE STREET • ROCHESTER, NEW YORK 14650

ENVIRONMENTAL PROTECTION
AGENCY NEW YORK, N.Y.

1992 JAN 27 PM 4:26
CORRESPONDENCE CONTROL
REGION II

USEPA REGION II



Mr. C. Sidamon-Eristoff—2
Mr. Bruce Finster
January 13, 1992

INCIDENT REPORT

Date of Incident: October 9, 1991
Location of Incident: B-95, Kings Landing Wastewater
Purification Plant (KLWPP).
NRC Report #: 91585
NYSDEC Report #: 9107385

Description:

On Wednesday, October 9, 1991, at approximately 10:55 a.m., primary treated industrial wastewater was discovered to be leaking from the interface of a 24 inch pipe and pavement at KLWPP. The pipe originates from an above ground pump, then runs underground to a trickling filter. The leak was discovered as the trickling filter pump and pipe system were being placed back in service. Operating personnel immediately shutdown the pump upon knowledge of the leak. Based on the observed flow and duration of the incident (approximately 2 minutes), it was estimated that 50 gallons of wastewater were released. The bulk of the release flowed onto pavement, into a catch basin and back into the treatment facility. A sample of the released material was collected and analyzed for the volatile, semi-volatile organics and metals on the SPDES discharge permit #NY-0001643. The analytical results of this sample are summarized in Attachment I. Based on the analytical information it is estimated that less than 0.01 pounds of these constituents were present in the 50 gallon release, with a small percentage of the total actually impacting soils.

Corrective Action:

The pipe was immediately taken out of service upon discovery of the leak. An excavation crew was contacted and the affected pavement and visually moist soils were removed from the impacted area around the pipe. Contaminated soils were placed in plastic lined fiber cartons and sent to the Kodak Park Chemical Waste Incinerator for treatment. An organic vapor analyzer was utilized to test soils on-site while the excavation work was conducted. No organic vapor levels were detected at any time during the excavation.

Mr. C. Sidamon-Eristoff--3
Mr. Bruce Finster
January 13, 1992

To determine the source of the release, an internal video inspection of the pipe was conducted. It was determined that the pipe would not be fixed or returned to service. In 1990 the pipe was lined with a polyester felt liner, impregnated with polyester resin (trade name Insituform ®) to provide appropriate long term integrity. The video inspection found a gap between the liner and a pressure gauge stem inside the pipe, which appears to have been caused by shrinkage of the liner. When the pipe was brought on line, wastewater escaped through the gap around the pressure gauge into the space between the pipe and the shrunken liner. From that point it was released to the soil through a hole in the pipe. A sample of the liner was tested and it was determined to be substandard. Since the liner will not afford the proper integrity, the pipe will be filled, sealed and abandoned in place. It has been decided that a new above ground stainless steel pipe will be engineered and installed. We expect this new pipe to be completed and placed into service in the first quarter of 1992. The existing damaged pipe will remain out of service.

Based upon the small amount of constituents present in the wastewater and the prompt remediation of soils, we believe no adverse environmental impact has occurred. Therefore, we recommend no further action be taken.

Attachment I

NRC Report # 91585
NYSDEC Report # 9107385

<u>Chemical Name</u>	Wastewater*** Sample Concentration	Detection
	<u>(ppm)</u>	<u>Limits (ppm)</u>
Methylene Chloride	0.240	0.025
Chloroform	0.002 EC	0.005
1,2-Dichloroethane	0.002 EC	0.005
1,2-Dichloropropane	0.005	0.005
Cadmium-Total	0.006	0.003
Copper - Total	0.100	0.002
Silver - Total	0.500	0.002
Iron - Total	1.000	0.003
Lead - Total	0.050	0.012
Nickel - Total	0.400	0.006
Chromium - Total	0.040	0.004
Zinc - Total	0.660	0.001
Total Aggregate, Phenol	1.000	0.020
4-Chloro-3,5-Dimethylphenol	0.100	0.020
N,N-Dimethylaniline	0.010 EC	0.020

Total * <.01 Pound of Constituents

*** The wastewater sample was analyzed for volatile and semi-volatile organics and metals which are parameters on the SPDES discharge permit #NY-0001643.

* This result is based on a 50 gallon release.

EC = Estimated Concentration Below Practical Quantitation Limit



JO SACHTE
Briest

Simon
Callahan

May 1, 1992

REMOVAL AND EMERGENCY
Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Bruce Finster
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louis Meisenzahl
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Ethylene Glycol and Water 50/50 Solution, Building 81 (B-81), Kodak Park, National Response Center (NRC) Report #113652, New York State Department of Environmental Conservation (NYSDEC) Report #9200380 and New York State Emergency Response Commission
NYSERC Report #9200418.

Attached to this letter is the Release Follow-Up Reporting Form, which comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on April 9, 1992. This information is being supplied by Eastman Kodak Company, Kodak Park site, Construction Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC, Kodak Projects Manager and Mr. Richard Elliott, Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Scott Wohlschlegel of my staff at (716) 477-7765.

Very truly yours,

Joseph G. Gabriel
Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

JGG:slw
1992006
Attachment

cc: Mr. Thomas Marriott, P.E., NYSDEC
Mr. Richard Elliott, MCDH

01 MAY -8 PM 4:26

USEPA, REGION II

Release Follow-up Reporting Form

Eastman Kodak Company, Kodak Park site
1669 Lake Avenue
Rochester, NY 14650

NRC#..113652
NYSDEC# 9200380
NYSERC# 9200418
Date: 4/9/92
Time: 5:30 p.m.

Location of Incident: Building 81, Kodak Park.
Name of Release Contact: Scott Wohlschlegel
Phone Number of Contact: (716) 477-7765

<u>Material (s) Released</u>		
<u>CAS Number</u> 107-21-1	<u>Material (s) Released</u> Ethylene Glycol / Water 50% Solution	<u>Quantity Released</u> Approximately 10-15 Gallons
<u>Duration of Release</u>	<u>Physical State Released</u>	<u>Source of Release</u>
Days:	Solid	Pump Seal
Hours:	Liquid X	
Minutes: 5 Minutes	Gas	

<u>Organizations Notified, Yes/No:</u>	<u>Date and Time of Notification</u>
National Response Center	Y (on 04/09/92 at 06:42 p.m.)
NYS Department of Environmental Conservation	Y (on 04/09/92 at 06:48 p.m.)
Monroe County Department of Health	Y (on 04/09/92 at 06:52 p.m.)
State Emergency Response Commission	Y (on 04/10/92 at 03:00 p.m.)
Local Emergency Planning Committee	Y (on 04/09/92 at 07:00 p.m.)

Factors Contributing to the Release. (Check Applicable Cause):

Equipment Failure	Training Deficiencies
X Operator Error	Unusual Weather Conditions
Faulty Process Design	Other

Media in Which Material Was Released. (Check Applicable Media):

Industrial Sewer	Storm Sewer
Atmosphere	X Soil
Water/Waterways	Sanitary Sewer

Corrective Action Taken. (Check Applicable Action):

Containment	X System Shut Down
Neutralization	Monitoring
X Excavation of Contaminated Media	Other

Brief Description of Corrective Action Taken to Remediate Released Material:

While performing an excavation to repair a fire main valve on the west side of B-81, a sidewalk melt system supply pipe was fractured. A 50/50 solution of ethylene glycol and water flowed from the fractured pipe onto the soil in the excavation. The flow was stopped from the fractured pipe and the system was flushed and drained.

Contaminated soil was excavated and packaged in plastic lined fiber cartons and sent for treatment at the Kodak Park Chemical Waste Incinerator. The system will be repaired and left in a standby mode.

Based on the immediate remediation of released material, we believe no adverse environmental impact occurred as a result of this incident. Therefore, we recommend no further action be taken.



SACUTE B. D. 6/15
Facility File
CS-E
huspanti-
Callahan

June 11, 1991

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Bruce Finster
New York State Department of
Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

EPA-REGION II
OFFICE OF EMERGENCY &
REMEDIAL RESPONSE
1991 JUN 18 PM 3:44
DIRECTOR'S OFFICE

Dears Sirs:

Subject: Release, Recirculating Scrubber Water, Building 218 (B-218)
Kodak Park, April 19, 1991, National Response Center (NRC),
Report Number 68616, NYSDEC Report Number 9100763.

The attachment to this letter comprises a summary of the events leading to and follow up of the telephone notifications made to your offices on April 19, 1991. This information is being supplied by Eastman Kodak Company, Kodak Park site, Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC, Kodak Projects Manager and Mr. Richard Elliott, Monroe County Department of Health.

If you have any further questions regarding this incident, please contact Mr. Mark Nicholson of my staff at (716) 722-4721

Very truly yours,

Bruce H. Klanderman

Bruce H. Klanderman, Ph.D., Director
Environmental Technical Services
Health and Environment Laboratories

BHK:MTN
1623H

Attachment

Mr. Thomas Marriott, P.E. NYSDEC
Mr. Richard Elliott, MCHD

EASTMAN KODAK COMPANY • 343 STATE STREET • ROCHESTER, NEW YORK 14650



Mr. C. Sidamon-Eristoff--2
Mr. B. Finster
June 11, 1991

INCIDENT REPORT

Date of Incident: April 19, 1991
Location of Incident: Building 218, Kodak Park
NRC Report #: 68616
NYSDEC Report #: 9100763

Description:

At approximately 3:10 a.m., on April 19, 1991, a pressure gauge on the inlet side of the Air Emission Control Scrubber Water booster pump failed. This allowed an estimated 75 gallons of scrubber water to be released to the soil in the area surrounding the pump pad. The pump was shut down, a back-up pump automatically started to maintain pressure and the gauge was immediately repaired. In response to this occurrence, all visibly impacted soil was immediately excavated by operating department personnel and treated at the B-218 Chemical Waste Incinerator. It should be noted that no other operating conditions at the facility were affected by the occurrence.

Corrective Action:

As stated above, a replacement gauge was obtained and installed and all visibly impacted soil was immediately excavated and treated. Based on this, we recommend no further action be taken as a result of this incident.



February 10, 1992

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10278

Mr. Bruce Finster
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Susan Perry
Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Foam, Building 95, Kings Landing Wastewater
Purification Plant, Kodak Park, Rochester, New York, National
Response Center (NRC) Report #101768, New York State Department
of Environmental Conservation (NYSDEC) Report #9110458

The attachment to this letter comprises a summary of the events leading to and follow-up of the telephone notifications made to your offices on January 6, 1992. This information is being supplied by Eastman Kodak Company, Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC, Kodak Projects Manager and Mr. Richard Elliott, Monroe County Department of Health.

If you have further questions regarding this occurrence, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours,

Joseph G. Gabriel for

Haines B. Lockhart, Jr., Ph.D.
Corporate Environmental Director

HBL:slw
2001H
Attachments

cc: Mr. Thomas Marriott, NYSDEC
Mr. Richard Elliott, MCDH

EASTMAN KODAK COMPANY • 343 STATE STREET • ROCHESTER, NEW YORK 14650

Facility File

Simon
Callahan
Bruce

REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

FEB 20 3 36 PM '92

FEB 20 1992



INCIDENT REPORT

Location:	Building 95, Wastewater Purification Plant
Date of Incident:	January 6, 1992
NRC Eprot #:	101768
NYSDEC #:	9110458

Description:

On Monday, January 6, 1992, at approximately 3:00 P.M., an estimated 150 gallons of foam overflowed the walls of No. 1 secondary aeration basin, located by the Genesee River. The foam impacted approximately 15 feet of ground between the east side of the aeration basin and the river. It is estimated that 1 gallon of the foam was released to the Genesee River. The foam consists of biological oil and grease with entrained secondary plant biomass.

Corrective Action

The immediate response to this incident was to reduce air to the aeration basin. This reduced foam levels and stopped the flow of foam over the wall of the aeration basin. A vacuum truck was used to remove the foam from the ground between the aeration basin and the river. All contaminated soil was excavated and packaged for further treatment at the Kodak Park Chemical Waste Incinerator. Pictures have been taken and will be submitted to NYSDEC depicting the area of impact.

To eliminate the possibility of another overflow, KLWPP controlled the air flow to the basin and used various wastewater treatment additives to prevent foaming.

Based on the fact that only a small quantity of foam constituents, biological grease, oil and biomass were released, we do not expect nor are we aware of any adverse environmental impact to have occurred as a result of this incident.



June 10, 1991

Mr. Constantine Sidamon-Eristoff
Regional Administrator, Region II
United States Environmental Protection Agency
26 Federal Plaza
New York, NY 10278

Mr. Bruce Finster
New York State Department of
Environmental Conservation
6274 East Avon-Lima Road
Avon, NY 14414

Dear Sirs:

Subject: King's Landing Wastewater Purification Plant (KLWPP)
April 22, 1991, National Response Center (NRC),
Report #68991, NYSDEC Report #9100826

The attachment to this letter comprises a summary of the events leading to and follow up of the telephone notification made to your offices on April 22, 1991. This information is being supplied by Eastman Kodak Company, Kodak Park site, Utilities Division Management. Copies of this report are also being sent to Mr. Thomas Marriott, P.E., NYSDEC, Kodak Projects Manager and Mr. Richard Elliott, Monroe County Department of Health.

If you have any further questions regarding this incident, please contact Mr. Burt Gorton of my staff at (716) 722-6943.

Very truly yours,

Bruce H. Klanderman, Ph.D., Director
Environmental Technical Services
Health and Environment Laboratories

BHK:lmb
MTNicholson
1601H

Attachments

cc: Mr. Richard Elliott, MCDH
Mr. Thomas Marriott, P.E., NYSDEC

Mr. C. Sidamon-Eristoff--2
• Mr. Bruce Finster
June 10, 1991

INCIDENT REPORT

Date of Incident: April 22, 1991
Location of Incident: King's Landing Wastewater
Purification Plant (KLWPP)
NRC Report #: 68991
NYSDEC Report #: 9100826

Description:

On Monday, April 22, 1991, at approximately 10:35 a.m., a leak was detected from an inspection cover on the main penstock, approximately two-thirds of the way down the hill leading to the treatment plant. The main penstock brings wastewater from Kodak Park to KLWPP. Operating and maintenance personnel had just completed routine maintenance on the main penstock during which time the influent flow had been directed to an auxiliary penstock. The leak occurred when flow was switched from the auxiliary back to the main penstock. Apparently, when replacing the inspection cover after the maintenance shutdown, the cover gasket did not properly seat, and the water pressure within the pipe, when the main penstock was brought back into service, forced wastewater out from underneath the cover. The total volume of the leak was estimated to be 200 gallons. A sample of the influent wastewater was collected and analyzed for the organic solvents that are routinely present in the wastewater. The analytical results of this sample are listed in the attached table.

Corrective Action:

As soon as the leak was discovered, during the required main penstock start-up inspection, the flow through the penstock was reduced by immediately lowering a weir-gate and diverting flow back to the auxiliary penstock. This helped to reduce the pressure in the main penstock and slowed the rate of release. By 11:00 a.m., flow had been completely diverted from the main penstock back to the auxiliary penstock, and the leak stopped. A new gasket was installed on the inspection cover before flow was rediverted back to the main penstock.

1601H:2

Mr. C. Sidamon-Eristoff--3

Mr. Bruce Finster

June 10, 1991

Because the spill occurred on the side of the hill beside a concrete support pad for our acid and caustic tanks, to ensure the integrity of the support pad, Construction Division personnel recommended that no excavation be done. This recommendation was based on the potential for excavation to undermine the integrity of the concrete support pad, the main roadway leading down the hill and the safety of the personnel who would perform this action. Based upon the analytical results of the influent wastewater sample, less than one pound of organic constituents were released to the soil. Therefore, we would not expect any adverse environmental impact as a result of this release. During future main penstock shutdowns, all inspection cover gaskets will be inspected, and replaced if necessary, before the covers are installed.

Mr. Gary Marsh, New York State Department of Environmental Conservation (NYSDEC), conducted an on-site inspection on April 22, 1991, just after the leak occurred. He concurred with all actions taken and the recommendations made at that time.

1601H:3

Mr. C. Sidamon-Eristoff--4
Mr. Bruce Finster
June 10, 1991

ATTACHMENT
NYSDEC REPORT #9100826
NRC REPORT #68991

<u>Chemical Name</u>	<u>Wastewater Sample (ppm)</u>	<u>Quantity in the Spill (lbs)</u>
Acetone	43	0.07
Acetonitrile	1	0.002
Ethanol	2	0.003
Isobutanol	2	0.003
Isopropanol	10	0.02
Methanol	30	0.05
Methyl Cellosolve	37	0.06
Methylene Chloride	1	0.002
p-Dioxane	1	0.002
Tetrahydrofuran	3	0.005
Toluene	1	0.002

The following were either not detected, or the analytical result was >0.5 ppm:

benzene, cellosolve, chloroform, cyclohexane, 1,2-dichloroethane, 1,2-dichloropropane, epichlorohydrin, ethyl acetate, ethyl-benzene, ethyl ether, isopropyl ether, methyl ethyl ketone, methylene chloride, n-butanol, styrene, 1,1,1-trichloroethane, trichloroethylene, vinylidene chloride, xylene.

1601H



RECEIVED

SEP 21 2 03 PM '92

U.S. EPA
REMOVAL AND EMERGENCY
PREPAREDNESS PROGRAMS

August 17, 1992

Mr. Constantine Sidamon-Eristoff
United States Environmental Protection Agency, Region II
26 Federal Plaza
New York, New York 10278

Mr. David Axelrod, Chair
New York State Emergency Response Commission
Public Security Building, State Campus
Albany, New York 12226-5000

Ms. Mary Louise Meisenzahl
Director, Monroe County Office of Emergency Preparedness
111 Westfall Road
Rochester, New York 14620

Dear Sirs and Madam:

Subject: Release, Industrial Wastewater, Building 95, Kodak Park, April 16, 1992
New York State Department of Environmental Conservation Report
#9200651, National Response Center Report # 114542

The attachments to this letter comprise the summary of events leading to and follow-up the telephone notification made to your offices on April 16, 1992. You were inadvertently left off the written reports submitted concerning this event. We sincerely regret this delay.

If you have any further questions concerning this event, please contact Mr. Mark Nicholson of my staff at (716) 722-4721.

Very truly yours

Mr. Joseph G. Gabriel
Unit Director, Environmental Services
Corporate Environment

MTN:JGG
Attachments
9200651.2



July 24, 1992

Mr. Stuart Thomas
New York State Department of
Environmental Conservation
6274 East Avon-Lima Road
Rochester, New York 14414

Dear Mr. Thomas:

Subject: Requested Follow-up, New York State Department of Environmental
Conservation (NYSDEC) Report # 9200651

As stated in the letter of May 22, 1992 (Gabriel to Marsh) the following information will address the analytical results of samples taken at the time of the release and a brief discussion of the hydrogeology of the area. This information is being supplied by Eastman Kodak Company, Kodak Park site and Utilities Division Management.

At the time of the release, on April 16, 1992, samples of the wastewater were collected and analyzed for SPDES volatile and semi-volatile organics and metals (SPDES Permit # NY0001643). The results of the analyses are listed on the attached table (Attachment I). The table also includes the average daily loadings from the Kings Landing Wastewater Purification Plant (KLWPP) to the Genesee River for the month of April.

A hydrogeological review was recently conducted calculating the seepage velocity for groundwater in the KLWPP area. Data in the area is limited to relatively shallow test borings conducted for geotechnical purposes. This data is contained herein as Attachment II. Since there are no wells or other hydrogeologic data, the information contained in Attachment II should be considered to be based on the best information available at this time.

Given that the KLWPP is between the Genesee Gorge wall and the Genesee River, the hydrogeology of the KLWPP area may be more complicated than accounted for in Attachment II.

Since the receiving body for groundwater under the KLWPP is the Genesee River, a comparison was made between the potential impact from this release to the daily average loadings of these constituents from KLWPP to the Genesee River. Each 1000 gallons of released wastewater would have contributed no more than 0.03% of the average daily loading to the river, as demonstrated by the reported discharges for April 1992.

Attachment 1
NYSDEC Report #9200651

Constituent	Sample Result (PPM)	Pounds Per 1000 Gal.	Daily Average Discharge (lbs)**	Ratio (*)
Methylene Chloride	0.43	0.004	28	0.014
Chloroform	0.022	0.0002	1.5	0.013
1,2-Dichloroethane	ND (0.005)	-----	< 1.3	-----
1,2-Dichloropropane	0.048	0.0004	24	0.002
Xylene (Total)	ND(0.005)	-----	< 1.3	-----
Pyridine	ND(0.005)	-----	< 1.3	-----
Phenols (Total)	0.38	0.003	< 1.3	< 0.23
N,N-Dimethylaniline	ND(0.005)	-----	< 1.8	-----
4-Chloro-3,5-dimethylphenol	ND(0.005)	-----	< 1.3	-----
Cadmium	0.007	0.00006	1.0	0.006
Copper	0.05	0.0004	6.2	0.006
Chromium	0.08	0.0007	4.6	0.015
Iron	1.9	0.02	76	0.026
Lead	0.02	0.0002	4.0	0.005
Nickel	0.04	0.0003	6.6	0.005
Silver	0.46	0.004	27	0.015
Zinc	0.48	0.004	126	0.0003

ND = Not detected. Lower limit of detection included in parentheses.

** As reported in Kodak's April 1992 Discharge Monitoring Report

* Ratio of the amount of constituent, in pounds per 1000-gallons of wastewater, to the average daily discharge for the month of April.

8/26/88

UPDATE ON KODAK PARK: This week, the region plans to issue a subpoena to officials of the Eastman Kodak Company of Rochester, New York ordering them to appear and answer questions on August 30 in Rochester. The subpoena was issued following Kodak's refusal to cooperate with an investigation by NEIC.

At the region's request, NEIC had attempted to conduct a multi-media investigation to evaluate past and present chemical handling and disposal practices at Kodak. NEIC also planned to evaluate Kodak's compliance with federal and state pollution control regulations. The region will issue a press release on this action. (Conrad Simon 264-2301)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II

DATE: 8/21/87

SUBJECT: Eastman Kodak Sodium Hydroxide Spill

FROM: Margaret Chong, 2ERR-RB *Margaret Chong*

TO: Fred N. Rubel, Chief
Response and Prevention Branch

In regards to the Kodak Spill; a case cannot be made for Failure to Immediately Notify for the following reasons:

- ° Kodak did notify the NRC, even though it was the following day. The spill was first noticed the previous day, however, the magnitude of the spill was unknown until calculations could be made as to how much of the sodium hydroxide was lost.
- ° It was also unknown at the time of the first observation, that the integrity of the industrial sewer system was questionable, and that there was a release to the environment.

However, EPA did impress upon the Kodak officials the importance of immediate notification of the National Response Center, as soon as they have knowledge that there might be a release to the environment.

cc: B. Sprague

5 (12-75)

New York State Department of Environmental Conservation

MEMORANDUM

EMERGENCY OPERATIONS INCIDENT REPORT NO.: 89-09-07a1

TO: Commissioner Jorling
FROM: Bill Miner - Emergency Operations Unit *Bill Miner*
SUBJECT: UPDATE ON KODAK PARK RELEASE, ROCHESTER - MONROE COUNTY

DATE: September 7, 1989

At 10:00 a.m. today, I received the following update from Bruce Finster, Region 8:

Location of Release: Kodak Park, Bldg. #331, Rochester, NY
Monroe County

Material released: Incident involved eleven (11) 55-gallon fiber drums of 1,1,3 - Acetanilidoallylidine malenitrile in powder form. Seven of the eleven drums ended up rupturing, the rest were cooled with water. Apparently Kodak Park manufactured this material yesterday and an acid reaction caused a heat buildup and eventual rupture. The incident is now under control.

Vapors: The covers of the drums popped off giving off following vapors: Nitrogen oxide, carbon dioxide and a potential of cyanide compounds. Water spray was being used to keep vapors down.

National Weather Service was contacted and winds were due South, varying from SSW to SSE at 10 mph.

Injuries: Approximately 23 Kodak Park workers were treated for eye and throat irritations at the Kodak Infirmary. Two Rochester Police Department officers were taken to the Rochester General Hospital for treatment as well. There were no serious injuries.

Evacuation: Kodak Park Building #331 and other agency buildings in the area were evacuated and roads were closed. Residents were told to stay inside their homes in the following areas:

- Ridgeway Avenue to the South
- Bonesteel Street to the East
- Stone Road to the North
- ? to the West

The roads since then have been opened. Residents have been allowed to leave their homes.

On Scene: Monroe County, City of Rochester and Kodak Park Haz Mat Teams.
Paul Lindenfelser and Bart Putzig - DEC Region 8.

BM/lk
Attachment

cc: L. Marsh
M. Lewis
B. Marvin
R. Cross
D. Banks
S. Chrimes
P. Bush (Region 8)
T. Allen (Div. of Air)
B. Majewski (Div. of Air)
T. Germano (SEMO)
B. Sprague (EPA)

SPILL RESPONSE FORM

SPILL NO. 890556

CALLER'S NAME: VINCE PETRUZZELLA

NOTIFIER'S NAME: TPR.

CALLER'S AGENCY: NYS WATER POINT

NOTIFIER'S AGENCY: NYS POLICE

CALLER'S PHONE: AC(518) 457-2200

NOTIFIER'S PHONE: AC(518) 457-6811

SPILL DATE: 9/7/89 TIME: 0730 hrs. ANS SVC DATE: 1/1 TIME: _____ hrs.

SENT OFF DATE: 9/7/89 TIME: 0845 hrs. FIRST CALL: A, R, C

REG OFF DATE: 9/1/89 TIME: 0852 hrs.

Petroleum Spilled		Material Class	
1 - Gasoline	5 - Diesel	9 - PCB Oil	1 - Petroleum
2 - #2 Fuel	6 - Jet Fuel	10 - Kerosene	2 - NonPetro/NonHaz
3 - #4 Fuel	7 - Waste Oil	(11) - Unknown	(3) Hazardous Material
4 - #6 Fuel	8 - Non-PCB Oil		4 - Raw Sewage
			5 - Unknown

Other Material Spilled: CYANIDE TYPE A RELEASE

Quantity Spilled: UNK. 11 drums - Popped

Is this a SARA Title III/CERCLA Notification? Yes _____ No _____

If Tank Test Failure: Tank Size _____ Gal. Test Method _____
Leak Rate _____ (gph.)

SPILL LOCATION: Kodak Park Bldg 331

PLACE: WEST-MT. READ BLVD.

STREET/ROAD: ROCHESTER

MUNICIPALITY: MONROE

COUNTY: _____

CONTACT PERSON: _____

PHONE: AC() _____

SPILLER (If Different): SAME

NAME: _____

STREET: _____

CITY/ST/ZIP: _____

CONTACT PERSON: _____

PHONE: AC() _____

Spill Cause		Spill Source	
1 - Human Error	7 - Deliberate	(1) Comm./Indust.	7 - Comm. Vehicle
2 - Traffic Accident	8 - Aband. Drums	2 - Non Comm/Inst.	8 - Tank Truck
(3) Equip. Failure	9 - Tank Failure	3 - Maj Fac 400,00 Gal	9 - Pvt. Dwelling
4 - Vandalism	10 - Tank Overfill	4 - Non-Maj Fac 1,100 gal	10 - Vessel
5 - TK Test Fail.	11 - Other	5 - Gas Station	11 - Railroad Car
(Bulk Stor. Pro.)	12 - Unknown	6 - Pass. Vehicle	12 - Unknown
6 - Housekeeping			

Resource Affected		Notifier	
1 - On Land	4 - Surface Water	1 - Resp. Party	7 - Citizen
2 - In Sewer	(5) - Air	2 - Affect. Pers.	8 - Health Dept.
3 - Groundwater		3 - Police Dept.	(9) - Local Agency
		4 - Fire Dept.	10 - Fed. Gov't.
		5 - Tank Tester	11 - Other
		6 - DEC	

Waterbody: _____

REMARKS: Possible Evacuation -

11 drums of CYANIDE-TYPE chemical Popped - developed.

A VAPOR CLOUD (Northerly direction) diminished, About under

extra Closed Hwys 14 + Around Kodak Park - MONROE CNTY. P.B.C.

DUTY OFFICER: _____

ofc. EMERG PREP. -
MONTGOMERY COUNTY Public Safety director
~~Donna~~
LT. COL. CLYDE E. Woods

(716) 473-0710

Paul Lytle

722-4730

390 N to Ridgeway Ave. Right, down 1.5 miles
after 3rd stop light. Health & Env. Labs on left.
Visitors parking lot. Bldg #320.
(small parking lot)

REGION II INCIDENT NOTIFICATION REPORT

State Case No.

1. EPA Case No.

1396-89

2. Reported: (mm/dd/yy) 09/07/89		3. Time: 1000		Recorded By: John Higgins	
4. Through NRC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5. NRC Case No.:			
A. REPORTER	6. Reported By: Dr. Hays Bell / Paul Lytle				
	7. Organization Name: Kodak				
	8. Organization: <input checked="" type="checkbox"/> 9. responsible party <input type="checkbox"/> 10. public <input type="checkbox"/> 11. state <input type="checkbox"/> 12. local <input type="checkbox"/> 13. federal				
	14. Address: Kodak Park State St				
	15. City: Rochester		16. State: NY		17. Zip:
18. Phone: (716) 722 5036					
B. DIS-CHARGER	19. Responsible Party: Asin A				
	20. Address:				
	21. City:		22. State:		23. Zip:
	24. Phone: ()				
C. INCIDENT LOCATION	<input checked="" type="checkbox"/> 25. As Above in B		26. Street or Approx. Location: Nearest Building is Building # 331		
	27. City:		28. County: Monroe		29. State:
D. DATE	30. Spill Date: (mm/dd/yy) 09/07/89				31. Spill Time: 0430
E. MATERIAL	Material: <input type="checkbox"/> Oil <input type="checkbox"/> Other <input type="checkbox"/> CEPP <input type="checkbox"/> UN/ DOT No		CAS No.		CHRIS Code
	<input type="checkbox"/> Haz Sub <input type="checkbox"/> Unknown				Quantity Spilled
	32. Acetanilidoallylidene-		33.	34.	35.
	38. malonitrile		39.	40.	41.
	44.		45.	46.	47.
F. SOURCE	Source of Spill: <input type="checkbox"/> 50. highway <input type="checkbox"/> 51. air <input type="checkbox"/> 52. railway <input type="checkbox"/> 53. vessel <input type="checkbox"/> 54. fixed facility <input type="checkbox"/> 55. pipeline <input type="checkbox"/> 56. offshore				
	57. Vehicle ID or Carrier No.: 58. Description: Fiber Drums Landed in Building #331				
G. MED.	Medium Affected: <input checked="" type="checkbox"/> 59. air <input checked="" type="checkbox"/> 60. land <input type="checkbox"/> 61. water <input type="checkbox"/> 62. groundwater				
	63. Waterway Affected: N/A				
H. CAUSE	Reported Cause: <input type="checkbox"/> 64. transportation accident <input checked="" type="checkbox"/> 65. equipment failure <input type="checkbox"/> 66. operational error <input type="checkbox"/> 67. natural phenomenon <input type="checkbox"/> 68. dumping <input type="checkbox"/> 69. unknown <input type="checkbox"/> 70. other				
	71. Description: 11 drums overpacked and 10 dropped lids. Some of the solid material vaporized				
I. DAMAGE	Damages: 72. no. of injuries 30 73. no of deaths 0 74. property damage > \$50,000 <input type="checkbox"/> yes <input type="checkbox"/> no				
	<input type="checkbox"/> 75. Evacuation 76. Response Action Taken: Kodak Hazmat matted material down with water after drums were				
K. NOTIFIED	Caller Has Notified: <input checked="" type="checkbox"/> 77a. state <input type="checkbox"/> 77b. local <input type="checkbox"/> 78. responsible party <input type="checkbox"/> 79. USCG <input type="checkbox"/> 80. other <input type="checkbox"/> 81. unknown <input type="checkbox"/> EPA <input type="checkbox"/> NRC				
	Agency Name: moved outside				
L. COMMENTS	82. Comments: EPA contacted Kodak Local PDs, FDs, Haz Mat, Monroe DOH, and NYSDEC Region 8 on scene				
	<input type="checkbox"/> Additional Information				
M. REGIONAL DATA FIELDS	Responsibility: <input checked="" type="checkbox"/> EPA <input type="checkbox"/> USCG <input type="checkbox"/> other				
	Response By: <input checked="" type="checkbox"/> responsible party <input type="checkbox"/> state <input type="checkbox"/> local <input type="checkbox"/> EPA <input type="checkbox"/> USCG <input type="checkbox"/> other				
	Agency Name:				
	EPA Has Notified: <input type="checkbox"/> State <input type="checkbox"/> USCG <input type="checkbox"/> RRT <input type="checkbox"/> EPA Referral				
	<input type="checkbox"/> POLREP		<input type="checkbox"/> SPCC Letter		<input type="checkbox"/> CWA 308 Spill Letter
Regional Cause Code(s):			Prevention Code(s):		

RESPONSE COPY

1396-89

G. Chronology: (If Appropriate)

J. Higgins

DATE	TIME	ACTIVITY
9/1/89	1345	Contacted NYS DEC Hot line and spoke to George. Material is a cyanide-based chemical. Rk Release initially formed a vapor cloud. Wind was northerly. Situation brought under control and cloud diminished at 0830. Highways were closed and limited evacuation of residents facility staff + sheltering advice to downwind residents. George suggested that the Monroe County Public Safety Officer Mr. Clyde Woods (#716-473-0710) be contacted for additional information.
	1412	Left message for Paul Lytle (Kodak)
	1618	Paul Lytle stated that status essentially same as at 10:00. In other words no additional drum leakage; situation under control.
9/5/89	1050	Called 716-473-0710 and reached Sandy Macaluso, who has replaced Clyde Woods as Administrator of the Office of Emergency Preparedness. He confirmed that there was no evacuation of residences but that there was a precautionary shelter warning issued. However, Sandy was upset with information flow.

(Cont)

(OCTOBER 1985)

ROUTING AND TRANSMITTAL SLIP

Date

7/28

TO: (Name, office symbol, room number,
building, Agency/Post)

Initials

Date

1.

Margaret

2.

3.

4.

5.

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

I thought that Kodak notified the NRC promptly. If not, let me know and let's discuss this one.

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Phone No.

Bue

5041-102

OPTIONAL FORM 41 (Rev. 7-76)

Prescribed by GSA
FPMR (41 CFR) 101-11.6

FROM FRED RUBEL			CONTROL NO. BS-148-97
SUBJECT AND DATE Kodack - Rochester NY - NaOH release (Chong response)			DATE REC'D
HIGH PRIORITY			DUE DATE 9/11/87
REFERRED (1) Sprague	(2) Chong	(3)	(4)
DATE 7/28/87			
REPLY SENT TO 7/28			DATE RELEASED
REMARKS Initiate failure to immediately notify referral or advise why case cannot be made			ACKNOWLEDGED - DATE <input type="checkbox"/>
			NO ANSWER NEEDED <input type="checkbox"/> (Explain in remarks)

MATERIAL SAFETY DATA SHEET

EASTMAN KODAK COMPANY
343 State Street
Rochester, New York 14650

For Emergency Health, Safety, and Environmental Information, call 716-722-5151

Date of Preparation: 05/26/87

Kodak Accession Number: 914365

SECTION I. IDENTIFICATION

- Product Name: 3-Acetanilidoallylidenemalononitrile
- Synonym(s): N-(4,4-Dicyano-1,3-butadienyl)-N-phenylacetamide
- Formula: C₁₄ H₁₁ N₃ O
- Chem. No(s): 14365
- Kodak's Internal Hazard Rating Codes: R: 2 S: 2 F: 1 C: 3

SECTION II. PRODUCT AND COMPONENT HAZARD DATA

COMPONENT(S):	Percent	ACGIH	CAS Reg. No.
		TLV(R)	
3-Acetanilidoallylidenemalononitrile	ca. 100	---	61600-13-3

SECTION III. PHYSICAL DATA

- Appearance: Brown crystalline solid
- Melting Point: 195 C (383 F)
- Vapor Pressure: Negligible
- Evaporation Rate (n-butyl acetate = 1): Negligible
- Volatile Fraction by Weight: Negligible
- Specific Gravity (Water = 1): Not Available
- Solubility in Water: Not Available

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

- Flash Point: Not Applicable
- Extinguishing Media: Water spray; Dry chemical; Carbon dioxide
- Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire exposed containers cool. Fight fire from a protected location.
- Unusual Fire and Explosion Hazards: Fire or excessive heat may produce hazardous decomposition products. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.

SECTION V. REACTIVITY DATA

- Stability: Stable, however, can violently decompose above 220 C. Avoid temperatures above 120 C.
- Incompatibility: Strong oxidizers
- Hazardous Decomposition Products: Combustion will produce carbon dioxide and probably carbon monoxide. Oxides of nitrogen may also be present.
- Hazardous Polymerization: Will not occur.

87-8853

=====

SECTION VI. TOXICITY AND HEALTH HAZARD DATA

- A. **EXPOSURE LIMITS:** Not established.
- B. **EXPOSURE EFFECTS:**
Inhalation: Causes sneezing.
Skin: Causes irritation. May cause allergic skin reaction.
Eye: Causes irritation.
- C. **FIRST AID:**
Inhalation: Remove to fresh air. Treat symptomatically. If symptoms are present get medical attention.
Skin: Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention if symptoms are present after washing.
Eye: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.
- =====

SECTION VII. VENTILATION AND PERSONAL PROTECTION

- A. **VENTILATION:**
Good general room ventilation should be used. Local exhaust may be needed.
- B. **RESPIRATORY PROTECTION:**
A NIOSH approved dust respirator should be worn, if needed.
- C. **SKIN AND EYE PROTECTION:**
Protective gloves and clothing should be worn. Safety glasses, goggles, or a face shield should be worn.
- =====

SECTION VIII. SPECIAL STORAGE AND HANDLING PRECAUTIONS

Keep from contact with oxidizing materials.
Fire or excessive heat may cause explosive decomposition.
Keep away from fire.
Since empty container retains product residue, follow label warnings even after container is empty.

=====

SECTION IX. SPILL, LEAK, AND DISPOSAL PROCEDURES

Dissolve in a compatible solvent to yield a 10% solution. Dispose by incineration or contract with licensed chemical waste disposal agency. Discharge, treatment, or disposal may be subject to federal, state or local laws.

=====

For transportation information regarding this product, please phone the Eastman Kodak Distribution Center nearest you: Rochester, NY (716) 254-1300; Oak Brook, IL (312) 654-5300; Chamblee, GA (404) 455-0123; Dallas, TX (214) 241-1611; Whittier, CA (213) 945-1255; Honolulu, HI (808) 833-1661.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

=====

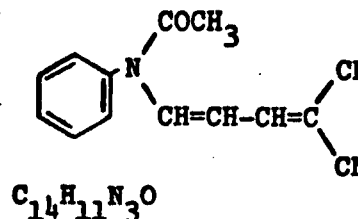
TOXICITY AND HEALTH HAZARD SUMMARY
(Does not include physical hazards - flammability, etc.).

CHEMICAL: 3-Acetanilidoallylidene malononitrile

SYNONYMS:

PHYSICAL FORM: Solid
MP or BP in °C: MP 190

FORMULA:



TOXICITY:

	<u>Toxicity</u> <u>Classif.</u>	<u>Rats</u>	<u>Toxicity</u> <u>Classif.</u>	<u>Mice</u>
Oral LD ₅₀ (mg/kg):	slight	>3200	slight	>3200
Intraperitoneal LD ₅₀ (mg/kg):	slight	ca. 800	slight	ca. 1600

* * * * *

Skin Irritation (G.P.): Slight
Skin Absorption LD₅₀: Not evident
Repeated Skin Irritation: Minimally exacerbated the reaction
Skin Sensitization (G.P.): 1/5, moderate

Eye Irritation (Rabbit): Slight

Feeding Study (Rats): 13 days, 700 mg/kg/day, 5 rats ate and gained weight normally and showed no signs of toxicity.

Hematology: Normal

Clinical Chemistry: Normal except for slightly reduced AP (no toxicological significance).

Necropsy: The absolute and relative liver weights were markedly elevated. The absolute and relative kidney weights were normal.

Pathology: Normal

Target Organ: Liver

Other: Several cases of dermatitis and eye irritation associated with the handling of this compound have been reported in the plant. The dust also appears to promote sneezing.

HAZARDS:

Skin: Moderate

Respiratory: Moderate

Eye: Moderate

PRECAUTIONARY HANDLING:

Skin: Avoid repeated or prolonged skin contact.

Respiratory: Do not breathe the dust.

Eye: Avoid eye contact.

REFERENCES:

1. Toxicology Report 77-21; Health, Safety, and Human Factors Laboratory, Eastman Kodak Company, Rochester, New York.

HEALTH HAZARD: (Kodak Park Safety Std. 7.09) SUMMARIZED BY: Richard L. Sharp, Ph.D.

R-2

S-2

DATE: Revised October 9, 1980

FOR USE ONLY WITHIN EASTMAN KODAK COMPANY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

file

DATE

SUBJECT: Referral of Apparent Air Pollution Problem

Referral No. 13-86

FROM: Fred N. Rubel, Chief
Response and Prevention Branch

Fred N. Rubel

TO: Conrad Simon, Director
Air and Waste Management Division

THRU: James Marshall, Acting Director
Emergency and Remedial Response Division

Attached is a report which we received regarding an apparent air pollution problem which may warrant follow-up.

Incident Log No.: 1047-86

Facility: EASTMAN KODAK CO.

1669 LAKE AVE

Location: ROCHESTER, NY 14650

The attached is submitted for your evaluation and any follow-up which you consider appropriate.

Attachment

REGION 2 INCIDENT NOTIFICATION REPORT

State Case No.

1. EPA Case No.

1047-86

2. Reported: (mm/dd/yy) <u>8/28/86</u>		3. Time: <u>1515</u>		Recorded By: <u>CRP</u>				
4. Through NRC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		5. NRC Case No.: <u>281505MISNYF</u>						
A. REPORTER	6. Reported By: <u>KEVIN CHURCHILL</u>							
	7. Organization Name: <u>EASTMAN KODAK</u>							
	8. Organization: <input checked="" type="checkbox"/> 9. responsible party <input type="checkbox"/> 10. public <input type="checkbox"/> 11. state <input type="checkbox"/> 12. local <input type="checkbox"/> 13. federal							
	14. Address: <u>1069 LAKE AVE</u>							
	15. City: <u>ROCHESTER</u>		16. State: <u>NY</u>		17. Zip: <u>14650</u>			
18. Phone: <u>(716) 477-2987</u>								
B. DIS-CHARGER	19. Responsible Party: <u>SAME</u>							
	20. Address:							
	21. City:		22. State:		23. Zip:			
	24. Phone: ()							
C. INCIDENT LOCATION	<input checked="" type="checkbox"/> 25. As Above in B		26. Street or Approx. Location:					
	27. City:		28. County: <u>MORRIS</u>		29. State:			
D. DATE	30. Spill Date: (mm/dd/yy) <u>8/28/86</u>		31. Spill Time: <u>2230</u>					
E. MATERIAL	Material: <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Haz Sub <input type="checkbox"/> CEPP		UN/ DOT No	CAS No.	CHRIS Code	Quantity Spilled	Units (Circle 1)	> RQ
	32. <u>1-4 DIETHYLENE DIOXIDE</u>		33.	34.	35.	36. <u>30</u>	37. bbl. oth	<u>YES</u>
	38.		39.	40.	41.	42.	43. bbl. oth	
	44.		45.	46.	47.	48.	49. bbl. oth	
F. SOURCE	Source of Spill: <input type="checkbox"/> 50. highway <input type="checkbox"/> 51. air <input type="checkbox"/> 52. railway <input type="checkbox"/> 53. vessel <input checked="" type="checkbox"/> 54. fixed facility <input type="checkbox"/> 55. pipeline <input type="checkbox"/> 56. offshore							
	57. Vehicle ID or Carrier No.: <u>PROCESS TANK OVERFLOW</u>							
G. MED.	Medium Affected: <input checked="" type="checkbox"/> 59. air <input checked="" type="checkbox"/> 60. land <input type="checkbox"/> 61. water <input type="checkbox"/> 62. groundwater							
	63. Waterway Affected:							
H. CAUSE	Reported Cause: <input type="checkbox"/> 64. transportation accident <input checked="" type="checkbox"/> 65. equipment failure <input type="checkbox"/> 66. operational error <input type="checkbox"/> 67. natural phenomenon <input type="checkbox"/> 68. dumping <input type="checkbox"/> 69. unknown <input type="checkbox"/> 70. other							
	71. Description:							
I. DAMAGE	Damages: 72. no. of injuries _____ 73. no of deaths _____ 74. property damage > \$50,000 <input checked="" type="checkbox"/> yes <input type="checkbox"/> no							
	<input type="checkbox"/> 75. Evacuation 76. Response Action Taken: <u>PRODUCT COMPLETELY DISSAPATED/NO HE</u>							
K. NOTIFIED	Caller Has Notified: <input checked="" type="checkbox"/> 77a. state <input type="checkbox"/> 77b. local <input type="checkbox"/> 78. responsible party <input type="checkbox"/> 79. USCG <input type="checkbox"/> 80. other <input type="checkbox"/> 81. unknown							
	<input type="checkbox"/> EPA <input checked="" type="checkbox"/> NRC Agency Name _____							
L. COMMENTS	82. Comments:							
	<input type="checkbox"/> Additional Information							
M. REGIONAL DATA FIELDS	Responsibility: <input checked="" type="checkbox"/> EPA <input type="checkbox"/> USCG <input type="checkbox"/> other							
	Response By: <input type="checkbox"/> responsible party <input type="checkbox"/> state <input type="checkbox"/> local <input type="checkbox"/> EPA <input type="checkbox"/> USCG <input type="checkbox"/> other							
	Agency Name: _____							
	EPA Has Notified: <input type="checkbox"/> State <input type="checkbox"/> USCG <input type="checkbox"/> FRT <input checked="" type="checkbox"/> EPA Referral <u>ART</u>							
	<input type="checkbox"/> POLREP		<input type="checkbox"/> SPCC Letter		<input type="checkbox"/> CWA 308 Spill Letter			
Regional Cause Code(s):			Prevention Code(s):					

FILE

file

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE **AUG 14 1986**

SUBJECT Referral of Apparent Air Pollution Problem Referral No. 10-86

FROM Fred N. Rubel, Chief *Fred Rubel*
Response and Prevention Branch

TO Conrad Simon, Director
Air and Waste Management Division

THRU: James Marshall, Acting Director
Emergency and Remedial Response Division

Attached is a report which we received regarding an apparent air pollution problem which may warrant follow-up.

Incident Log No.: 992-86

Facility: EASTMAN KODAK COMPANY

Location: 1669 LAKE AVE.
ROCHESTER, NEW YORK 14650

The attached is submitted for your evaluation and any follow-up which you consider appropriate.

Attachment

REGION 2 INCIDENT NOTIFICATION REPORT

1. EPA Case No.

State Case No. **863166**

2. Reported: (mm/dd/yy) **8/12/86**

3. Time: **1605**

Recorded By: **LRNALDI**

4. Through NRC: ☒ Yes ☐ No

5. NRC Case No.: **121550 DCM NYE**

6. Reported By: **LINDA LISZEWSKI - ENGINEER**

7. Organization Name: **EASTMAN KODAK CO.**

8. Organization: ☒ 9. responsible party ☐ 10. public ☐ 11. state ☐ 12. local ☐ 13. federal

14. Address: **16069 LAKE AVE**

15. City: **ROCHESTER**

16. State: **NY**

17. Zip: **14650**

18. Phone: **(716) 477-1182**

19. Responsible Party: **SAME AS ABOVE**

20. Address:

22. State:

23. Zip:

21. City:

24. Phone: ()

☒ 25. As Above in B 26. Street or Approx. Location:

28. County: **MONROE**

29. State:

27. City:

30. Spill Date: (mm/dd/yy) **8/12/86**

31. Spill Time: **1230**

Material: ☐ Oil ☒ Haz Sub ☐ CEPP

UN/ DOT No

CAS No.

CHRIS Code

Quantity Spilled

Units (Circle 1)

> RQ

32. **METHYLENE CHLORIDE**

33.

34.

35.

36. **3300**

37. bbl. oth

✓

38. **VAPOR AND**

39.

40.

41.

42. **3300**

43. bbl. oth

✓

44.

45.

46.

47.

48. **3300**

49. bbl. oth

✓

Source of Spill: ☐ 50. highway ☐ 51. air ☐ 52. railway ☐ 53. vessel

☐ 54. fixed facility ☐ 55. pipeline ☐ 56. offshore

57. Vehicle ID or Carrier No.:

58. Description: **DISTILLATION COLUMN**

CONSTRUCTION CAUSED PIPE TO FALL ON & BREAK A 5/8" FITTING

Medium Affected: ☒ 59. air ☐ 60. land ☐ 61. water ☐ 62. groundwater

63. Waterway Affected

Reported Cause: ☐ 64. transportation accident ☐ 65. equipment failure ☐ 66. operational error

☐ 67. natural phenomenon ☐ 68. dumping ☐ 69. unknown ☐ 70. other

71. Description: **SEE ABOVE**

Damages: 72. no. of injuries — 73. no. of deaths — 74. property damage > \$50,000 ☐ yes ☐ no

☐ 75. Evacuation 76. Response Action Taken: **LIQ. CONTAINED & FLUSHED INTO WASTE WATER TREATMENT**

Caller Has Notified: ☒ 77a. state ☒ 77b. local ☐ 78. responsible party ☐ 79. USCG ☐ 80. other ☐ 81. unknown

☐ EPA ☒ NRC

Agency Name: **MONROE COUNTY HEALTH DEPT**

82. Comments: **NOTIFIED NYSDDEC 1620 -**

SPOKE TO: FRANK PEDUTO THEY WERE AWARE OF INCIDENT.

☐ Additional Information

Responsibility: ☒ EPA ☐ USCG ☐ other

Response By: ☒ responsible party ☐ state ☐ local ☐ EPA ☐ USCG ☐ other

Agency Name: **NYSDDEC** ☐ USCG ☐ FRT ☒ EPA Referral **AIR 10-86**

EPA Has Notified: ☒ State ☐ USCG ☐ FRT

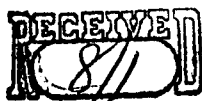
TDD No.:

☐ POLREP ☐ SPCC Letter ☐ CWA 308 Spill Letter

Prevention Code(s):

Regional Cause Code(s):

#522-77



OIL AND
HAZARDOUS SUBSTANCES
TELEPHONE POLLUTION REPORT

George H. Zuckerman

Person Receiving Report (Signature)

1. Person Reporting Incident:

a. Name: Mr. Young (NRC)

b. Address: Mr. Paul Tipple

A & R Gundry Co.
65 Stanton Rd., Rochester, N.Y.

c. Telephone: (800) 424-8802

(716) 436-7292

2. Date and Time of Report:

July 23, 1977, 2300 hrs. (11:00AM)

3. Date and Time of Spill:

July 29, 1977, 2215 hrs. (10:15AM)

4. Location of Incident:

Eastman Kodak, Midland Rd. Plant, Rochester, N.Y.

5. Water Body Affected:

None

6. Quantity Reported Spilled:

35 gal.

7. Quantity Reaching Water:

None

8. Spill Material:

a. Chemical Name: # 6 oil

b. Trade Name

Manufacturer:

a. Name:

b. Address:

c. Telephone:

9. Cause of Spill:

Loading line from 6300 gal truck ruptured causing 35 gal of oil to spill within the factory,

10. Source: no oil reached any drainage pipes; cleaned up immediately

a. Name:

b. Address:

c. Telephone:

11. Others Notified or Currently Responding:

Mr. Tipple stated that he was going to notify NYSDCC.

No spill
No SPCC
DP

U.S. ENVIRONMENTAL PROTECTION AGENCY
OIL AND SPECIAL MATERIALS CONTROL DIVISION

SPILL REPORT

(Form 5)

NOTE

All non-shaded
areas must contain
an entry.

O. FOR CONTROL USE ONLY

0751902

1a. SPILL ID

(Not required. If unassigned,
will be system derived.)

522-77

b. SPCC NUMBER

If the SPCC number is not entered, complete
the Facility Identification Form.

ENTER THE FOLLOWING ONLY IF THE RESPONSIBLE ORGANIZATION (RO) IS OTHER THAN THE OWNER/OPERATOR OF THE FACILITY

c. RO NAME

RO MAILING ADDRESS

d. STREET

e. CITY

f. STATE

g. ZIP

10

h. RO TELEPHONE

ENTER THE FOLLOWING ONLY IF THE LOCATION OF THE SPILL IS OTHER THAN THE LOCATION OF THE FACILITY

2a. REGION

b. STATE

c. COUNTY

d. CITY

GEOGRAPHIC LOCATION

e. LATITUDE-NORTH

f. LONGITUDE-WEST

g. SURVEY DESCRIPTION

DEG MIN SEC

DEG MIN SEC

SECT SECT SECT TOWNSHIP RANGE

h. DIRECTIONS TO SPILL SITE (Optional-25 words or less)

3. SPILL INFORMATION

a. SPILL DATE

b. SPILL TIME

c. REPORTING DATE

d. REPORT'G TIME

e. REPORTED BY (Name)

07/29/77

MO DAY YR

2215

HR MIN

07/29/77

MO DAY YR

2300

HR MIN

TIPPLE

f. TELEPHONE

716-436-7292

g. GENERAL WATER BODY (Check one only)

☒ INLAND☐ COASTAL☐ GREAT LAKES

h. SPECIFIC WATER BODY (Check one only)

☒ RIVER☐ RESERVOIR☐ OPEN WATER☐ TERMINAL (dock)☐ INLET☐ STREAM (creek)☐ POND☐ BAY (estuary or sound)☐ CHANNEL☐ TRIBUTARY☐ LAKE☐ BEACH☐ PORT (harbor area)☐ CANAL

i. WATER BODY NAME (If none, enter "none")

j. RIVER MILE INDEX (If known)

NONE

4. SPILL MATERIAL

(Check only one of the following four digit codes which best designates the characteristics of the spilled material.)

a. OILS:

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> 1101 ANIMAL OIL | <input type="checkbox"/> 1107 JET FUEL | <input type="checkbox"/> 1112 NO. 4 FUEL | <input type="checkbox"/> 1117 ENGINE WASTE OIL |
| <input type="checkbox"/> 1102 ASPHALT | <input type="checkbox"/> 1108 LUBRICATION OIL | <input checked="" type="checkbox"/> 1113 NO. 6 FUEL (Bunker C, Navy Special, Residual Oil) | <input type="checkbox"/> 1118 INDUSTRIAL WASTE OIL |
| <input type="checkbox"/> 1103 CREOSOTE | <input type="checkbox"/> 1109 NAPHTHA | <input type="checkbox"/> 1114 PARAFFIN WAX | <input type="checkbox"/> 1119 GREASE |
| <input type="checkbox"/> 1104 CRUDE | <input type="checkbox"/> 1110 NO. 1 FUEL (Kerosene, No. 1 Diesel) | <input type="checkbox"/> 1115 VEGETABLE OIL | <input type="checkbox"/> 1120 UNKNOWN OIL |
| <input type="checkbox"/> 1105 CUTTING OIL | <input type="checkbox"/> 1111 NO. 2 FUEL (No. 2 Diesel) | <input type="checkbox"/> 1116 BILGE WASTE OIL | <input type="checkbox"/> 1199 OTHER (Specify): |
| <input type="checkbox"/> 1106 GASOLINE | | | |

HAZARDOUS SUBSTANCES

☐ 1299 (Specify trade or common name):

OTHER SUBSTANCES

- | | |
|--------------------------------------|--|
| <input type="checkbox"/> 1301 SEWAGE | <input type="checkbox"/> 1399 MISCELLANEOUS (Specify): |
| <input type="checkbox"/> 1302 SLUDGE | |

c. AMOUNT SPILLED

35

d. AMOUNT REACHING WATER (Enter '0000001' for unknown)

0

e. AMOUNT UNIT (Check only one of the following unit abbreviations)

- ☒
- GALS
- ☐
- LBS

5. SPILL SOURCE (Check only one of the following four digit codes on this page which best describes the spill source.)

ONSHORE TRANSPORTATION (ONT)

- | | | |
|--|---|--|
| <input type="checkbox"/> 2101 HIGHWAY CARGO TRANSFER | <input type="checkbox"/> 2106 HIGHWAY PASSENGER | <input type="checkbox"/> 2110 RAIL FUEL |
| <input type="checkbox"/> 2102 HIGHWAY DRY BULK | <input type="checkbox"/> 2107 PIPELINE | <input type="checkbox"/> 2111 RAIL GENERAL CARGO |
| <input type="checkbox"/> 2103 HIGHWAY FUELING | <input type="checkbox"/> 2108 RAIL CARGO TRANSFER | <input type="checkbox"/> 2112 RAIL LIQUID BULK |
| <input type="checkbox"/> 2104 HIGHWAY GENERAL CARGO | <input type="checkbox"/> 2109 RAIL DRY BULK | <input type="checkbox"/> 2199 OTHER (Specify): |
| <input type="checkbox"/> 2105 HIGHWAY LIQUID BULK | | |

OFFSHORE TRANSPORTATION (OFT)

- | | | |
|---|---|---|
| <input type="checkbox"/> 2201 BULK CARGO TRANSFER | <input type="checkbox"/> 2206 NAVAL VESSEL | <input type="checkbox"/> 2211 TANK BARGE |
| <input type="checkbox"/> 2202 DRY CARGO BARGE | <input type="checkbox"/> 2207 NON-BULK CARGO TRANSFER | <input type="checkbox"/> 2212 TANKER |
| <input type="checkbox"/> 2203 DRY CARGO VESSEL | <input type="checkbox"/> 2208 PASSENGER VESSEL | <input type="checkbox"/> 2213 TOWBOAT (Tugboat) |
| <input type="checkbox"/> 2204 FISHING VESSEL | <input type="checkbox"/> 2209 PIPELINE | <input type="checkbox"/> 2299 OTHER (Specify): |
| <input type="checkbox"/> 2205 FUELING | <input type="checkbox"/> 2210 RECREATIONAL VESSEL | |

ONSHORE NONTRANSPORTATION (ONN)

- | | | |
|--|---|--|
| <input type="checkbox"/> 2301 BULK STORAGE | <input type="checkbox"/> 2304 PIPELINE (Flowline or other Intra-facility) | <input type="checkbox"/> 2306 REFINERY |
| <input checked="" type="checkbox"/> 2302 INDUSTRIAL PLANT (Processing) | <input type="checkbox"/> 2305 PRODUCTION (Oil or Gas) | <input type="checkbox"/> 2399 OTHER (Specify): |
| <input type="checkbox"/> 2303 MARKETING DISTRIBUTORS | | |

OFFSHORE NONTRANSPORTATION (OFN)

- | | | |
|---|---|--|
| <input type="checkbox"/> 2401 DRILLING (Oil or Gas) | <input type="checkbox"/> 2402 PIPELINE (Flowline or other Intra-facility) | <input type="checkbox"/> 2403 PRODUCTION |
| <input type="checkbox"/> 2499 OTHER (Specify): | | |

6. SPILL CAUSE (Check only one of the following four digit codes on this page which best describes the spill cause.)

CASUALTY

- | | | |
|--|---|---|
| <input type="checkbox"/> 3101 CAPSIZING (Overturning) | <input type="checkbox"/> 3104 EXPLOSION | <input type="checkbox"/> 3107 SINKING (Floundering) |
| <input type="checkbox"/> 3102 COLLISION WITH FIXED OBJECT | <input type="checkbox"/> 3105 FIRE | <input type="checkbox"/> 3108 WELL BLOWOUT |
| <input type="checkbox"/> 3103 COLLISION WITH VEHICLE OR VESSEL | <input type="checkbox"/> 3106 GROUNDING | <input type="checkbox"/> 3199 OTHER (Specify): |

EQUIPMENT FAILURE

- | | | |
|---|---|---|
| <input type="checkbox"/> 3201 ALARM | <input checked="" type="checkbox"/> 3206 HOSE RUPTURE | <input type="checkbox"/> 3210 WELD FAILURE, FACTORY |
| <input type="checkbox"/> 3202 AUTOMATIC SHUTDOWN | <input type="checkbox"/> 3207 PIPELINE RUPTURE | <input type="checkbox"/> 3211 WELD FAILURE, FIELD |
| <input type="checkbox"/> 3203 CORROSION, PIPELINE | <input type="checkbox"/> 3208 PUMP | <input type="checkbox"/> 3299 OTHER (Specify): |
| <input type="checkbox"/> 3204 CORROSION, TANK | <input type="checkbox"/> 3209 TANK RUPTURE | |
| <input type="checkbox"/> 3205 DEFECTIVE VALVES | | |

PERSONNEL ERROR

- | | | |
|--|--|--|
| <input type="checkbox"/> 3301 INCORRECT VALVE HANDLING | <input type="checkbox"/> 3303 IMPROPERLY SECURED FLANGES | <input type="checkbox"/> 3399 OTHER (Specify): |
| <input type="checkbox"/> 3302 IMPROPER HOSE CONNECTION | <input type="checkbox"/> 3304 TANK OVERFLOW | |

DELIBERATE DISCHARGES

- | | | |
|---|--|--|
| <input type="checkbox"/> 3401 DUMPING | <input type="checkbox"/> 3404 PUMPING BILGES | <input type="checkbox"/> 3499 OTHER (Specify): |
| <input type="checkbox"/> 3402 DISPOSAL OF WASTE OIL | <input type="checkbox"/> 3405 VANDALISM | |
| <input type="checkbox"/> 3403 PUMPING BALLAST | | |

NATURAL PHENOMENON

- | | | |
|--|---|--|
| <input type="checkbox"/> 3501 FLOODING | <input type="checkbox"/> 3504 HEAVY WINDS | <input type="checkbox"/> 3599 OTHER (Specify): |
| <input type="checkbox"/> 3502 FREEZING | <input type="checkbox"/> 3505 NATURAL SEEPAGE | |
| <input type="checkbox"/> 3503 HEAVY SEAS | | |

7. COMMENTS - INCLUDING REMOVAL METHOD (Optional-25 words or less)

EASTMAN KODAK CO
MIDLAND RD PLANT
ROCHESTER, N.Y.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

SUBJECT: Eastman Kodak Co., Rochester, NY
Methanol Spill - Waste Treatment Plant Bypassing

DATE: Feb. 23, 1976

FROM: L. R. Moriarty
Coordinator, Field Investigations *LRM*

TO: M. V. Polito
Chief, Emergency Response & Inspection Branch
EPA Region II
Edison, NJ 08817
file *Continue Rodrock*

The attached report of phone call and letter from Eastman Kodak are self-explanatory.

Please process but note Kodak letter is directed to Richard Baker, Chief of Status of Compliance Branch.

ENVIRONMENTAL PROTECTION AGENCY
REGION II, BUILDING 209
EDISON, NEW JERSEY 08817

LRMoriarty:tm
2 Enclosures

REPORT OF PHONE CALL
VISIT

In X Out

File

Date 2/13/76 Time 1:20 P.M.

Routing Larry

Person Contacted Ernie Tanzer

Phone No. 458-1000, ext. 74811

Location Eastman Kodak Co.

Subject Loss of Methanol at Eastman Kodak

Summary Mr. Tanzer called to report a loss of methanol into the Kodak

Park sewer system and bypassing of waste at the King's Landing Treatment

Plant. Late yesterday an oxygen deficiency in the activated sludge process

part of the plant was noted and was traced to the presence of methanol by

gas chromatography. By 10:30 last night about 50% of the waste was

bypassing the secondary plant in an effort to protect the activated

sludge process. The flow was about 24 mgd. About 50% or 12 mgd was

bypassed to the Genesee River. They are currently bypassing 5 mgd.

They still have not located the source of the methanol but suspect

that it is somewhere in the distilling system. The estimated loss was

as high as 5,000 lbs. per hour but is now in the 3,000[#] per hour range.

Dissolved oxygen were checked in the river above the plant discharge,

near the discharge, and one-half mile downstream. It appeared to stay

constant at 14.2 ppm at 36° f.

Mr. Tanzer had advised the NYSDEC at Avon (Angie). I advised

Mr. Tanzer to keep us posted and use our 24-hour answering service if they
XXXXXXREGXXXX were not able to control the problem over the weekend.



*the
Lamy*

February 17, 1976

Mr. Richard Baker
Chief, Status of Compliance Branch
Enforcement and Regional Counsel Division
U.S. Environmental Protection Agency, Region II
26 Federal Plaza
New York, New York 10007

Dear Mr. Baker:

Re: Permit No. NY 000 1643

At this time we wish to report to you a methanol emission from our Kodak Park to the Genesee River, which occurred Thursday, February 12 and Friday, February 13, 1976. We are reporting as required in A.5 of our permit, "Bypassing." This emission was reported by telephone to Mrs. Angela Cowie of the New York State Department of Environmental Conservation, Region 8, Avon, New York, at 9:00 a.m., February 13, 1976. She informed Mr. Kenneth Walker of U.S. EPA, Rochester branch office, who in turn discussed this matter with the writer that day. We also informed Mr. J. W. Schluter of EPA, Region II, by telephone on February 17, 1976. This high emission event is described as follows.

*T. Tanager
called me
JX*

February 12

2:00 p.m.	Low dissolved oxygen was observed in the aeration basins of our central wastewater system. Sewer sampling was initiated.
4:00 p.m.	We began collecting sewer effluent in our 2 million gallon storm water holding tank. Flow was reduced to the aeration basins.
10:30 p.m.	Partial bypassing of the secondary system of our treatment plant was initiated to prevent loss of the biological population. The storm water tank was nearly full.
12:00 midnight	Sampling and analyses indicated that the methanol was coming from our Distilling plant tank farm. Checking of tanks for losses was begun. Reduced wastewater load to the treatment plant permitted reduction in bypassing quantity.

Mr. Richard Baker--2
February 17, 1976

February 13

12:00 noon Many distilling operations had been shut down by now in the effort to determine the underground tank which was leaking.

3:00 p.m. Process tank #302, east of Building 142, was determined to be the source of the methanol leak.

8:00 p.m. Bypassing was terminated at the treatment plant. All effluent was directed through the aeration basins.

Our best estimate is that 1,600,000 gallons of wastewater bypassed the aeration basins and were discharged to the river. This wastewater did, however, receive primary treatment. Our best estimate is that about 5,000 to 6,000 lb of methanol was emitted to the Genesee River via the bypass.

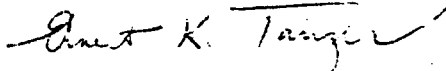
On February 13, 1976, at 11:00 a.m. we sampled the Genesee River for dissolved oxygen. Our findings were as follows:

<u>Location</u>	<u>Dissolved Oxygen (ppm)</u>	<u>Temperature</u>
Immediately before Kodak Park outfall (south)	14.2	36°F
200 ft after Kodak Park outfall (north)	14.1	36°F
1/2 mile after Kodak Park outfall (north)	14.2	36°F

These data indicate essentially no effect on the river.

We regret the occurrence of this process tank failure. Our people responded promptly, diligently, and continuously in our endeavors to terminate the emission. While we feel that our preventive and responsive actions are very creditable, we are reviewing our procedures to optimize our control efforts.

Very truly yours,



Ernest K. Tanzer, P.E.
Executive Secretary
Environmental Steering Committee
Kodak Park Division

/jdp

cc: Mr. Dennis Sugumele, NYSDEC, Region 8
Mr. Kenneth Walker, EPA, Rochester Branch Office

October 28, 1975

James K. Robinson, Esq.
Assistant Secretary
Eastman Kodak Company
Legal Department
343 State Street
Rochester, New York 14650

Re: Withdrawal of Notice of Violation
Docket No.: OH-II-75-20

Dear Mr. Robinson:

Enclosed please find the Withdrawal of Notice of Violation and Assessment of Civil Penalty which EPA has determined should be issued to Kodak as a result of the information brought to our attention at our meeting October 16, 1975. With issuance of this Withdrawal, your case has officially been marked "closed".

We appreciate your cooperation in allowing EPA to obtain a complete picture of Kodak's oil handling operations at the Rochester facility so that proper action could be taken in this case.

Very truly yours,

Henry Gluckstern
Attorney
Enforcement Division

Enclosure: Withdrawal of Notice of Violation

bcc: Paul Elliot
Emergency Reposnse Branch

Richard Baker
Status of Compliance Branch

2 ENF-WE:GLUCKSTERN:hg:x4430;21/10/75

2 ENF-WE

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 Federal Plaza
New York, New York 10007

-----x
In the Matter of :

OH-II-75-20

Eastman Kodak Company :
Rochester, New York :

Violation of the Oil Pollution Prevention :
Regulations issued Pursuant to §311(j)(1)(C) :
of the Federal Water Pollution Control Act :
Amendments of 1972, 33 U.S.C. §1321 :
-----x


WITHDRAWAL OF
NOTICE OF VIOLATION

WITHDRAWAL OF NOTICE OF VIOLATION

On March 12, 1975 a Notice of Violation was issued against Eastman Kodak Company (hereinafter, "Respondent") for failure to prepare an SPCC Plan for its Rochester, New York facility by July 10, 1974. This Notice was served upon Respondent on March 19, 1975. Subsequently, Respondent prepared an SPCC Plan for that facility, dated April 11, 1975. This Plan required no further implementation on the part of Respondent. At the request of Respondent, a settlement conference was held at the offices of EPA on October 17, 1975.

At that settlement conference, Respondent's engineer demonstrated to the satisfaction of EPA that oil from its facility could not reasonably be expected to reach waters of the United States in the event of the discharge of oil from a storage tank. No oil spill incident has ever been recorded at the facility. As a result of Respondent's demonstration, it is the determination of EPA that the Oil Pollution Prevention Regulations, 40 CFR Part 112, do not apply to the Respondent's Rochester, New York facility. EPA therefore determines that the Notice of Violation and Assessment of Civil Penalty issued against Respondent should be, and hereby is, WITHDRAWN, and the file officially closed.

Dated this 24th day of
October, 1975


Meyer Scolnick
Director
Enforcement Division

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SUBJECT: Memorandum of SPCC Settlement Conference between
Eastman Kodak Company and EPA, October 16, 1975

DATE: October 22, 1975

FROM: Henry Gluckstern
Attorney
Water Enforcement Branch
TO: File

The meeting was attended by Henry Gluckstern and Paul Elliot for EPA and Ernest Tanzer and James Robinson, Esq. for Kodak. The facility was described by Mr. Tanzer and Paul Elliot and Henry Gluckstern asked pertinent questions to ascertain whether the facility came under the coverage of 40 CFR Part 112. It was eventually determined that in the unlikely event of an oil spill, there was no reasonable expectation that it would reach any waters. In fact, because of the buried storage employed, the maximum spill of a tank truck load could be expected, at most, to reach the treatment plant for the facility, which has a capacity of 35,MGD. It was therefore determined that although Kodak had written a Plan, a Plan was not required and the NOV would be formally withdrawn. No implementation was necessary as a result of the Plan which was drawn.

cc: Paul Elliot
Emergency Response

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 Federal Plaza
New York, New York 10007

CHP

-----X	
In the Matter of	:
	:
Eastman Kodak Company	:
Rochester, New York	:
	:
Violation of the Oil Pollution	:
Prevention Regulations issued pursuant	:
to §311(j)(1)(C) of the Federal Water	:
Pollution Control Act Amendments of 1972,:	OH-II-75-20
33 U.S.C. §1321	:
-----X	REASSESSMENT OF CIVIL PENALTY


REASSESSMENT OF CIVIL PENALTY

The United States Environmental Protection Agency (EPA) issued a Notice of Violation against Eastman Kodak Company (hereinafter, "Respondent"), with offices located at Kodak Park, Rochester, New York 14650, for violation of 40 CFR Part 112. Pursuant to the provisions of the Notice of Violation, the Respondent submitted to EPA a written explanation bearing on its efforts to achieve compliance after notification of violation. EPA has reviewed the information submitted and has determined that the civil penalty should be, and hereby is, reassessed, in the amount of \$2000 (TWO THOUSAND DOLLARS).

Respondent may pay the amount indicated above by mailing a check payable to the "United States Coast Guard" to EPA at the above address within 30 (THIRTY) days. That payment shall be accompanied by a notarized statement from an official of the Respondent of at least the rank of vice-president that the SPCC Plan for the facility in question has been implemented in accordance with the requirements of the Plan.

Respondent may request a Hearing on this determination pursuant to 40 CFR §114.5 by submitting a written request for such a Hearing to the Regional Administrator, Region II, EPA within 30 (THIRTY) days of the date of receipt of this Reassessment of Civil Penalty. Such a request must comply with the requirements of 40 CFR §114.5.

Dated this 9TH day of
September, 1975


Richard A. Flye
Chief
Water Enforcement Branch
Enforcement Division

2-SA-ER

May 8, 1975

SPCC Plan Review, Eastman Kodak Company, Rochester, New York

Henry Gluckstern
Water Enforcement Branch
Enforcement & Regional Counsel Division
EPA, Region II
26 Federal Plaza
New York, New York 10007

The attached SPCC Plans and blueprints for the three fuel storage areas answer all the questions raised in my memo to you on the original Kodak submittal dated February 12, 1975. The Plans plus the blueprints fulfill the SPCC regulatory requirements for each oil storage area.

Paul R. Elliot
Chief
Emergency Response Section

Attachments

SA/ERB:CKPrice:nde:Bldg.209:x548:5/8/75

CONCURRENCES							
SYMBOL	SA/ERB	SA/ERB	SA/ERB				
SURNAME	PRICE	ELLIOT	SEAR				
DATE							



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10007

April 18, 1975

Mr. James K. Robinson
Assistant Secretary
Legal Department
Eastman Kodak Company
343 State Street
Rochester, New York 14650

Re: Violation of 40 CFR Part 112;
Request for Hearing
Docket No.: OH-II-75-20

Dear Mr. Robinson:

EPA is in receipt of your letter of April 16, 1975, in which you requested a Hearing pursuant to 40 CFR §114.5 relative to a Notice of Violation and Assessment of Civil Penalty issued by this office. Please be advised that the supplement to your SPCC Plan which we have recently received has been forwarded to our engineering staff for its evaluation of the Plan's compliance with 40 CFR §112.7. As soon as the Plan has been evaluated, this office will issue to Kodak a reassessment of civil penalty based on EPA's estimation of Kodak's good faith efforts to comply with the Oil Pollution Prevention Regulations.

If after receipt of the reassessment of civil penalty you still desire a hearing or meeting, we will arrange for one promptly. Your cooperation in the SPCC program is appreciated.

Very truly yours,

Henry Gluckstern
Attorney
Oil and Hazardous Materials
Enforcement and Regional
Counsel Division

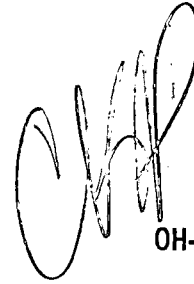
cc: Paul Elliot

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION II
26 Federal Plaza
New York, New York 10007

RECEIVED

MAR 19 1975

Director, SEA Division



OH-II-75-20

-----x
In the Matter of

Eastman Kodak Company
Rochester, New York

Violation of the Oil Pollution
Prevention Regulations issued
pursuant to §311(j)(1)(C) of the
Federal Water Pollution Control Act
Amendments of 1972, 33 U.S.C. §1321
-----x

NOTICE OF VIOLATION
AND ASSESSMENT OF
CIVIL PENALTY

NOTICE OF VIOLATION

This is to notify you that there is reason to believe that Eastman Kodak Company (hereinafter, "Kodak"), with offices located at Kodak Park, Rochester, New York is subject to the Oil Pollution Prevention Regulations, 40 CFR Part 112, published at 38 Federal Register 237, pp. 34165-34170 (December 11, 1973), promulgated pursuant to §311(j)(1)(C) of the Federal Water Pollution Control Act Amendments of 1972, 33 U.S.C. §1321(j)(1)(C), and that Kodak has violated §112.3 of the Regulations, and that more specifically, Kodak has failed to prepare and maintain at its facility located at Kodak Park in Rochester, New York after July 10, 1974, a Spill Prevention Control and Countermeasure Plan as required by §112.3 of the Regulations.

ASSESSMENT OF CIVIL PENALTY

Section 112.6 of the Oil Pollution Prevention Regulations, as amended at 39 Federal Register 169, p. 31602 (August 29, 1974), provides that violation of 40 CFR §112.3 gives rise to liability for a civil penalty, not to exceed \$5000 (FIVE THOUSAND DOLLARS) for each day the violation continues.

WHEREFORE, on the basis of the facts presently before the Environmental Protection Agency (EPA), Kodak is hereby assessed a civil penalty in the amount of \$5,000 (FIVE THOUSAND DOLLARS).

WAIVER OF HEARING

If Kodak wishes to waive opportunity for a Hearing as set forth below, payment may be made by check payable to the Environmental Protection Agency and submitted to the following address within 30 (THIRTY) days of receipt of this Notice:

Director, Enforcement and Regional Counsel Division
Region II, United States Environmental Protection Agency
26 Federal Plaza
New York, New York 10007

SUBMISSION OF WRITTEN EXPLANATION

In lieu of payment of the penalty assessed or a request for a Hearing as set forth below, Kodak may, within 10 (TEN) days of receipt of this Notice, submit to EPA written explanations, information, or other materials in answer to the charges made, in mitigation of the penalty assessed, or bearing on its efforts to achieve compliance after notification of the violation. A reassessment of the proposed penalty will be made on the basis of any information received, and a revised Assessment of Civil Penalty for Violation of Oil Pollution Prevention Regulations may be issued if it is determined that a penalty in a different amount is appropriate. If it is determined that the amount of the penalty assessed should not be changed, Kodak will be so informed.

NOTICE OF OPPORTUNITY FOR A HEARING

Within 30 (THIRTY) days of the date of receipt of a Notice of Violation, Kodak may, pursuant to §114.5 of Interim Regulations on Civil Penalties for Violation of Oil Pollution Prevention Regulations, 40 CFR Part 114, published at 39 Fed. Reg. 169, pp. 31602-31603 (August 29, 1974), request a Hearing by submitting a written request, signed by a duly authorized officer, director, agent or attorney to the Regional Administrator, Region II, EPA. Requests for Hearings shall state the name and address of the person requesting the Hearing, enclose a copy of the Notice of Violation, and state with particularity the issues to be raised at the Hearing. If the request complies with the requirements of 40 CFR §114.5, a Hearing will be scheduled at the earliest possible date at a time and location set by EPA after consultation with Kodak. The Hearing will be conducted in accordance with 40 CFR §114.9. Kodak may be represented by counsel at the Hearing.

Within 30 (THIRTY) days after the conclusion of the Hearing, the Presiding Officer shall issue findings, including the amount of the civil penalty to be assessed. A copy of the Presiding Officer's decision shall be sent to Kodak. The decision of the Presiding Officer shall become the final decision of EPA unless within 15 (FIFTEEN) days from the date of receipt of such decision Kodak appeals the decision to the Administrator. Any Appeal must follow the format set forth in 40 CFR §114.11(b). In rendering his decision, the Administrator may adopt, modify, or set aside the decision of the Presiding Officer.

If the decision of the Presiding Officer or, in the case of an Appeal, the Administrator, assesses a penalty as part of his decision, such penalty shall be payable within 30 (THIRTY) days of receipt of the Final Order.

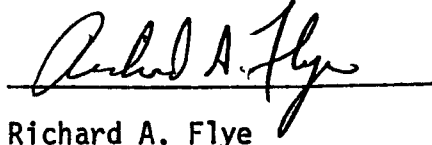
SETTLEMENT CONFERENCE

At any time after receipt of this Notice of Violation and prior to the date set for a Hearing Kodak may confer with EPA concerning either the violation noticed herein or the penalty to be assessed. Should the conference result in a settlement agreement, that agreement shall be issued as a written Order on Consent by the Regional Administrator, Region II, EPA. The issuance of such an Order on Consent shall constitute a waiver of Kodak's right to contest through further administrative proceedings any matter stipulated to therein.

FURTHER INFORMATION

If you wish to discuss the possibility of a settlement of this matter, schedule a conference with EPA, or make further inquiries, contact Mr. Richard A. Flye, Chief, Water Enforcement Branch, Region II, EPA, 26 Federal Plaza; New York, New York 10007, (212) 264-9885.

Dated this 12th day of
March, 1975


Richard A. Flye
Chief
Water Enforcement Branch
Enforcement and Regional
Counsel Division



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION II
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10007

February 18, 1975

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. John A. Wilson
Eastman Kodak Company
Kodak Park
Building 23 Fifth Floor
1669 Lake Avenue
Rochester, New York 14650

Re: Spill Prevention Control and Counter-
measure Plan for Kodak Park; violation
of 40 CFR Part 112.

Dear Mr. Wilson:

Enclosed please find the flow charts and blueprints which you submitted to EPA as the SPCC Plan for your Kodak Park facility. Our engineers have evaluated this material and have determined that it is insufficient to qualify as a proper plan pursuant to 40 CFR Part 112.

In general, the plan submitted fails to discuss potential spill flow directions, rates of flow, the use of fail-safe tank equipment (see 40 CFR §112.7(e)(2)(viii)), facility transfer operations (see 40 CFR §112.7(e)(3)), safety inspections and record keeping. In general, your plan, as finally certified to by a professional engineer, should comply with the requirements of 40 CFR §112.7.

Specifically, as to oil storage tank E-24, oil tank testing, facility drainage, and containment capacity for tank truck loading and unloading area are not discussed. As to building 145 oil storage facility, oil tank testing, containment capacity for tank loading and unloading area and oil handling capabilities of the industrial sewer are not discussed. As to oil storage tank M-41, containment capacity for the fuel unloading station and for fuel oil tank dikes, procedures for control of post valve controlling drain which empties fuel oil tank dike, and oil handling capabilities of the industrial sewer are not discussed.

Please submit within ten days of receipt of this letter the date on which an amended SPCC Plan will be submitted to EPA.

Very truly yours,

Henry Gluckstern
Attorney
Enforcement and Regional
Counsel Division

cc: Paul Elliot

2-SA-ER

February 12, 1975

Eastman Kodak Company, Rochester, New York, Comments Concerning
SPCC Plan

Henry Bluckstern
Water Enforcement Branch
Enforcement & Regional Counsel Division
EPA, Region II, 26 Federal Plaza
New York, New York 10007

The SPCC Plans submitted by the Eastman Kodak Company are inadequate for us to make a full evaluation. The Plans do not follow the format or answer in detail the questions raised by 40 CFR 112.7. Based on our review of facility blueprints, it appears as though the following areas need to be more fully discussed:

Specific Comments

1. SPCC Plan - Oil Storage Tank E-24

- OK a. Oil tank testing
- OK b. Facility drainage
- OK c. Containment capacity for tank truck loading/unloading area

2. SPCC Plan - Bldg. 145 Oil Storage Facility

- OK a. Oil tank testing
- OK b. Containment capacity for tank truck loading/unloading area
- OK c. Discussion of oil handling capabilities of industrial sewer

3. SPCC Plan - Oil Storage Tank M-41

- OK a. Containment capacity for fuel oil unloading station and for fuel oil tank dikes
- OK b. Procedures for control of post valve controlling drain which empties fuel oil tank dike
- OK c. Discussion of oil handling capabilities of industrial sewer

General Comments

1. No discussion of potential spill directions, rates of flow, etc.

		CONCURRENCES					
SYMBOL	SA/ERB	SA/ERB					
SURNAME	PRICE	LIBRIZZI					
DATE							

2-SA/ER:CKP:Price:nde:Bldg.209:x515:2/12/75

OK OK 2. No discussion of fail-safe tank equipment (Ref. 40 CFR 112.7(e)(2)(viii)).

OK OK OK 3. No discussion of facility transfer operations (Ref. 40 CFR 112.7(e)(3)).

OK OK OK 4. No discussion of safety inspections and records.

William Librizzi
Chief
Emergency Response & Inspection Branch

*Submittal
By 1/20/75*



Klewling

January 10, 1975

Mr. Gerald M. Hansler
Regional Administrator
Environmental Protection Agency,
Region II
26 Federal Plaza
New York, New York 10007

Dear Mr. Hansler:

This material is prepared pursuant to the Environmental Protection Agency (EPA) Regulation CFR 40, Vol. 38, No. 237, "Oil Spill Pollution Prevention," December 11, 1973. We are submitting it as requested by Mr. Henry Gluckstern in the course of recent telephone conversations.

We have prepared our SPCC Plans. These require in-plant definition of responsibilities and education of the responsible people in the use of flow sheets for decision-making in the event of a spill. Decision-making charts, maps, sewer diagrams, and a narrative description of each facility are included for EPA information.

We believe that our people are well-trained and ready to react according to our Plan at any time. Security guards are responsible for initial response and summoning aid. The department shift foreman is responsible in turn for reaction measures (stopping the flow of oil, containment, and cleanup) until the Fire Department arrives. Thereupon, the Fire Department assumes the responsibility of the cleanup operation. Utilities Division and Office of Environmental Conservation personnel will assess the effects of the spill and summon additional aid. The Office of Environmental Conservation will notify regulatory agencies as required.

Very truly yours,

Ernest K. Tanzer

Ernest K. Tanzer, P.E.
Executive Secretary
Environmental Steering Committee
Kodak Park Division

JAW/jdw

Enclosures

cc: Mr. H. Gluckstern

EASTMAN KODAK COMPANY • 1669 LAKE AVE. • ROCHESTER, NEW YORK 14650 • 716 458-1000

2-SA-ER

November 1, 1974

SPCC Violation, Eastman Kodak Company, Rochester, New York

Director, Enforcement and
Regional Counsel Division
EPA, Region II
26 Federal Plaza
New York, New York 10007

ATTN: Henry Gluckstern, Water Enforcement Branch

Attached is a letter from Eastman Kodak Company, Rochester, New York, requesting a tentative date for SPCC on-site filing and full implementation of their SPCC Plan.

Discussions with our Rochester Field Office indicate that this company has not had oil spills in the past. However, in reviewing our files we find that Mr. L. D. Offensend, Eastman Kodak, 901 Elm Grove Road, Rochester, New York 14650, attended an SPCC review meeting on April 18, 1974. Larry Moriarty advised me that the facility which Mr. Offensend represented is located within the Kodak Park Division requesting the extension. I would, therefore, conclude that Kodak had sufficient time to comply with the Regulation. I would also object to the suggestion by Kodak that they want an extension based on a tentative date for SPCC filing and full implementation.

I would, therefore, recommend that a civil penalty be assessed against the Kodak Company for non-compliance.

William Librizzi
Chief
Emergency Response Branch

Attachment

cc: L. Moriarty

SA/ERB:WLibrizzi:nde:Bldg.209:x592:11/1/74

CONCURRENCES

SYMBOL	SA/ERB						
SURNAME	LIBRIZZI						
DATE							



Recd 10/17

W. C. C. C.
Edison, N.J.

October 1, 1974

Mr. Gerald M. Hansler
Regional Administrator
Environmental Protection Agency, Region II
26 Federal Plaza
New York, New York 10007

Dear Mr. Hansler:

Regarding SPCC Plans requested in the Federal Register, December 11, 1973, Kodak Park Division of Eastman Kodak Company wishes to request an extension of time in filing and implementing our SPCC Plans. Due to the largeness of our operations and similarly large storage facilities, we need additional investigation time. Kodak Park occupies 175 major buildings on approximately 1900 acres. Current employment is 29,000 people. This necessitates a rather large petroleum commitment.

Although we plan few equipment changes in our existing facilities, there will be changes in responsible personnel. To update and improve our reaction to a spill will require shifting of duties. This includes the order of parties to be notified and duties of each. This requires extensive inter- and intradepartmental cooperation, and these measures are now under consideration.

A comprehensive listing of all Kodak Park oil storage facilities is almost completed, including type and amount of oil at each site, responsible department, and SPCC measures presently employed at that site.

A tentative date for SPCC Plan filing (on site) and full implementation of reaction measures at existing storage facilities at Kodak Park would be December 6, 1974. Again, we ask that you consider this extension of time in light of the enormity of our operations.

Very truly yours,

Frank E. Wright

Frank E. Wright, P.E.
Office of Environmental
Conservation
Building 23

JAW/jdw